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<!DOCTYPE html>
<html lang="en">

<head>
  <meta http-equiv="content-type" content="text/html; charset=UTF-8" />
  <title>Unit Converter</title>
  <meta name="description"
    content="Quick, free, online unit converter that converts common units of
measurement, along with 77 other converters covering an assortment of units. The
site also includes a predictive tool that suggests possible conversions based on
input, allowing for easier navigation while learning more about various unit
systems." />
  <link rel="stylesheet" href="//d15gdne58bo42a.cloudfront.net/style-n.css" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="google-site-verification"
content="83ftfjb0tb6LAoLXRzmOH0HKHx1S4fSEuHfCnKQaq0k" />
  <link rel="apple-touch-icon" sizes="180x180"
href="//d15gdne58bo42a.cloudfront.net/apple-touch-icon.png">
  <link rel="icon" type="image/png" sizes="32x32"
href="//d15gdne58bo42a.cloudfront.net/icon-32x32.png">
  <link rel="icon" type="image/png" sizes="16x16"
href="//d15gdne58bo42a.cloudfront.net/icon-16x16.png">
  <link rel="manifest" href="/manifest.json">
</head>

<body>
  <div id="headerout">
    <div id="header">
      <div id="logo"><a href="/"></a></div>
    </div>
  </div>
  <div id="clear"></div>
  <div id="contentout">
    <div id="content">
      
      <h3>Unit Converter Express Version</h3>
      <div id="unquickcalc" style="display:none;"></div>
      <div id="menu">
        <ul>
          <li id="menuon"><a
href="javascript:popMenu('&quot;Length&quot;');showSel(1A);">Length</a></li>
          <li><a
href="javascript:popMenu('&quot;Temperature&quot;');showSel(tA);">Temperature</a></li>
          <li><a
href="javascript:popMenu('&quot;Area&quot;');showSel(aA);">Area</a></li>

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        <li><a
href="javascript:popMenu('&quot;Volume&quot;');showSel(vA);">Volume</a></li>
        <li><a
href="javascript:popMenu('&quot;Weight&quot;');showSel(wA);">Weight</a></li>
        <li><a
href="javascript:popMenu('&quot;Time&quot;');showSel(mA);">Time</a></li>
    </ul>
</div>
<script>
    var isMobile = false;
</script>
<div id="qcv">
    <table width="600" border="0" align="center"
style="padding-top:5px;">
        <form name="calForm">
            <tr>
                <td width="300"><label
for="fromVal"><b>From:</b></label></td>
                <td width="300"><label
for="toVal"><b>To:</b></label></td>
            </tr>
            <tr>
                <td><input type="text" name="fromVal" id="fromVal"
onKeyUp="calcul();" class="ucinput"
style="width:262px;" autofocus></td>
                <td><input type="text" id="toVal" name="toVal"
style="width:262px;background-color:#eeeeee;"
class="ucinput" readonly></td>
            </tr>
            <tr>
                <td style="padding-top:8px;"><select name="calFrom"
id="calFrom" onChange="calcul();"
size="11" class="ucselect"
style="width:280px;"></select></td>
                <td style="padding-top:8px;"><select name="calTo"
id="calTo" size="11" onChange="calcul();"
class="ucselect"
style="width:280px;"></select></td>
            </tr>
        </form>
    </table>
    <br>
    <div id="calResults"></div>
</div>

<br>
<div id="findutoc">
    <h3>Find the Units to Convert</h3>
    <table width="590" border="0" cellspacing="0" cellpadding="0">

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        <form>
            <tr>
                <td width="295"><label for="fromunit"><b>From
Unit:</b></label></td>
                <td width="295"><label for="tounit"><b>To
Unit:</b></label></td>
            </tr>
            <tr>
                <td><input type="text" name="fromunit" id="fromunit"
onKeyUp="findUnit();" class="ucinput"
                style="width:261px;" placeholder="e.g.
kilogram"></td>
                <td><input type="text" name="tounit" id="tounit"
onKeyUp="findUnit();" style="width:261px;"
                class="ucinput" placeholder="e.g. lbs"></td>
            </tr>
        </form>
    </table>
    <div id="futcResult"></div>
</div>
<br>
<h3>Common Conversions</h3>
<table width="100%" border="0" cellspacing="0" cellpadding="0"
id="homelist">
    <tr>
        <td valign="top" width="50%">
            <ul>
                <li><a href="/length/cm-to-inches.htm">cm to
inches</a></li>
                <li><a href="/weight-and-mass/kg-to-lbs.htm">kg to
lbs</a></li>
                <li><a
href="/temperature/celsius-to-fahrenheit.htm">Celsius to Fahrenheit</a></li>
                <li><a href="/length/mm-to-inches.htm">mm to
inches</a></li>
                <li><a href="/length/meters-to-feet.htm">meters to
feet</a></li>
                <li><a href="/length/km-to-miles.htm">km to
miles</a></li>
                <li><a href="/length/cm-to-feet.htm">cm to
feet</a></li>
                <li><a
href="/weight-and-mass/grams-to-ounces.htm">grams to ounces</a></li>
                <li><a href="/length/inches-to-feet.htm">inches to
feet</a></li>
                <li><a href="/volume/liters-to-gallons.htm">liters to
gallons</a></li>
                <li><a
href="/weight-and-mass/pounds-to-ounces.htm">pounds to ounces</a></li>
                <li><a href="/speed/mph-to-kph.htm">mph to kph</a></li>
            </ul>

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square feet degrees yards cups	acres to radians to hp to kw meters to mL to
cm kg mm Meters km cm inches liters	 </td> <td valign="top" width="50%"> inches to lbs to Fahrenheit to Celsius inches to Feet to miles to feet to ounces to grams feet to gallons to ounces to pounds kph to mph square degrees to kw to hp yards to cups to
feet to acres radians meters mL	 </td>

</tr>
</table>

<h3>Unit Converters — Full Versions</h3>

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        <table width="100%" border="0" cellspacing="0" cellpadding="0"
id="homelist">
        <tr>
            <td colspan="2">
                <h4>Common Converters</h4>
            </td>
        </tr>
        <tr>
            <td valign="top" width="50%">
                <ul>
                    <li><a href="/length-converter.html">Length
Converter</a></li>
                    <li><a href="/weight-and-mass-converter.html">Weight
and Mass Converter</a></li>
                    <li><a href="/volume-converter.html">Volume
Converter</a></li>
                    <li><a href="/temperature-converter.html">Temperature
Converter</a></li>
                    <li><a href="/area-converter.html">Area
Converter</a></li>
                    <li><a href="/pressure-converter.html">Pressure
Converter</a></li>
                    <li><a href="/energy-converter.html">Energy
Converter</a></li>
                    <li><a href="/volume-dry-converter.html">Volume - Dry
Converter</a></li>
                    <li><a href="/currenc
y-converter.html">Currency Converter</a></li>
                </ul>
            </td>
            <td valign="top" width="50%">
                <ul>
                    <li><a href="/case-converter.html">Case
Converter</a></li>
                    <li><a href="/power-converter.html">Power
Converter</a></li>
                    <li><a href="/force-converter.html">Force
Converter</a></li>
                    <li><a href="/time-converter.html">Time
Converter</a></li>
                    <li><a href="/speed-converter.html">Speed
Converter</a></li>
                    <li><a href="/angle-converter.html">Angle
Converter</a></li>
                    <li><a href="/fuel-consumption-converter.html">Fuel
Consumption Converter</a></li>
                    <li><a href="/numbers-converter.html">Numbers
Converter</a></li>
                    <li><a href="/data-storage-converter.html">Data Storage
Converter</a></li>
                </ul>
            </td>
        </tr>
    </table>

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        </ul>
    </td>
</tr>
<tr>
    <td valign="top" width="50%">
        <h4>Engineering Converters</h4>
        <ul>
            <li><a href="/velocity-angular-converter.html">Velocity
- Angular Converter</a></li>
            <li><a href="/acceleration-converter.html">Acceleration
Converter</a></li>
            <li><a
href="/acceleration-angular-converter.html">Acceleration - Angular
Converter</a></li>
            <li><a href="/density-converter.html">Density
Converter</a></li>
            <li><a href="/specific-volume-converter.html">Specific
Volume Converter</a></li>
            <li><a href="/moment-of-inertia-converter.html">Moment
of Inertia Converter</a></li>
            <li><a href="/moment-of-force-converter.html">Moment of
Force Converter</a></li>
            <li><a href="/torque-converter.html">Torque
Converter</a></li>
        </ul>
        <h4>Heat Converters</h4>
        <ul>
            <li><a href="/fuel-efficiency-mass-converter.html">Fuel
Efficiency - Mass Converter</a></li>
            <li><a
href="/fuel-efficiency-volume-converter.html">Fuel Efficiency - Volume
Converter</a>
            </li>
            <li><a
href="/temperature-interval-converter.html">Temperature Interval Converter</a></li>
            <li><a href="/thermal-expansion-converter.html">Thermal
Expansion Converter</a></li>
            <li><a
href="/thermal-resistance-converter.html">Thermal Resistance Converter</a></li>
            <li><a
href="/thermal-conductivity-converter.html">Thermal Conductivity Converter</a></li>
            <li><a
href="/specific-heat-capacity-converter.html">Specific Heat Capacity Converter</a>
            </li>
            <li><a href="/heat-density-converter.html">Heat Density
Converter</a></li>
            <li><a href="/heat-flux-density-converter.html">Heat
Flux Density Converter</a></li>
            <li><a
href="/heat-transfer-coefficient-converter.html">Heat Transfer Coefficient

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Converter</a></li>
</ul>
<h4>Fluids converters</h4>
<ul>
<li><a href="/flow-converter.html">Flow
Converter</a></li>
<li><a href="/flow-mass-converter.html">Flow - Mass
Converter</a></li>
<li><a href="/flow-molar-converter.html">Flow - Molar
Converter</a></li>
<li><a href="/mass-flux-density-converter.html">Mass
Flux Density Converter</a></li>
<li><a
href="/concentration-molar-converter.html">Concentration - Molar Converter</a></li>
<li><a
href="/concentration-solution-converter.html">Concentration - Solution
Converter</a>
</li>
<li><a
href="/viscosity-dynamic-converter.html">Viscosity - Dynamic Converter</a></li>
<li><a
href="/viscosity-kinematic-converter.html">Viscosity - Kinematic Converter</a></li>
<li><a href="/surface-tension-converter.html">Surface
Tension Converter</a></li>
<li><a href="/permeability-converter.html">Permeability
Converter</a></li>
</ul>
<h4>Light converters</h4>
<ul>
<li><a href="/luminance-converter.html">Luminance
Converter</a></li>
<li><a
href="/luminous-intensity-converter.html">Luminous Intensity Converter</a></li>
<li><a href="/illumination-converter.html">Illumination
Converter</a></li>
<li><a
href="/digital-image-resolution-converter.html">Digital Image Resolution
Converter</a></li>
<li><a
href="/frequency-wavelength-converter.html">Frequency Wavelength Converter</a></li>
</ul>
</td>
<td valign="top" width="50%">
<h4>Electricity Converters</h4>
<ul>
<li><a href="/charge-converter.html">Charge
Converter</a></li>
<li><a
href="/linear-charge-density-converter.html">Linear Charge Density
Converter</a></li>

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<li><a
href="/surface-charge-density-converter.html">Surface Charge Density Converter</a>
</li>
<li><a
href="/volume-charge-density-converter.html">Volume Charge Density
Converter</a></li>
<li><a href="/current-converter.html">Current
Converter</a></li>
<li><a
href="/linear-current-density-converter.html">Linear Current Density Converter</a>
</li>
<li><a
href="/surface-current-density-converter.html">Surface Current Density
Converter</a>
</li>
<li><a
href="/electric-field-strength-converter.html">Electric Field Strength
Converter</a>
</li>
<li><a
href="/electric-potential-converter.html">Electric Potential Converter</a></li>
<li><a
href="/electric-resistance-converter.html">Electric Resistance Converter</a></li>
<li><a
href="/electric-resistivity-converter.html">Electric Resistivity Converter</a></li>
<li><a
href="/electric-conductance-converter.html">Electric Conductance Converter</a></li>
<li><a
href="/electric-conductivity-converter.html">Electric Conductivity
Converter</a></li>
<li><a
href="/electrostatic-capacitance-converter.html">Electrostatic Capacitance</a></li>
<li><a href="/indusctance-converter.html">Inductance
Converter</a></li>
</ul>
<h4>Magnetism converters</h4>
<ul>
<li><a
href="/magnetomotive-force-converter.html">Magnetomotive Force Converter</a></li>
<li><a
href="/magnetic-field-strength-converter.html">Magnetic Field Strength
Converter</a>
</li>
<li><a href="/magnetic-flux-converter.html">Magnetic
Flux Converter</a></li>
<li><a
href="/magnetic-flux-density-converter.html">Magnetic Flux Density
Converter</a></li>
</ul>
<h4>Radiology converters</h4>

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	<ul style="list-style-type: none"> Radiation Converter Radiation-Activity Converter Radiation-Exposure Converter Radiation-Absorbed Dose Converter
	<h4>Other Converters</h4> <ul style="list-style-type: none"> Prefixes Converter Data Transfer Converter Sound Converter Typography Converter Volume - Lumber Converter

A unit is a measurement of a quantity that is defined or adopted by tradition or law. Other quantities can be expressed as a multiple of the unit.

In human history, various unit systems were developed and used in different regions and cultures. Currently, the global standard of measurement is the International System of Units (SI), which is a modern form of the metric system. Although SI is intended for global use, it has not been fully adopted, and some other systems of measurement are still used in parts of the world.

The intent of this site is to provide a convenient means to convert between the various units of measurement within different systems, as well as to provide a basic understanding of the systems currently in use, and how they interact. Refer to the [Common Unit Systems](/common-unit-systems.php) page for further information.

```

        <script src="//d15gdne58bo42a.cloudfront.net/js/homeunit.js"
async></script>
        <script src="//d15gdne58bo42a.cloudfront.net/js/common.js"
async></script>

        </div>
        <div id="right">
            <br>
            <div id="othercalc"></div>
            <script>var navSectionName = "";</script>
        </div>
    </div>
    <div id="clear"></div>
    <div id="footer">
        <div id="footerin">
            <div id="footernav"><a href="/about-us.php">about us</a> | <a
href="/about-us.php#terms">terms of use</a> |
                <a href="/about-us.php#privacy">privacy policy</a> | <a
href="/sitemap.php">sitemap</a> &nbsp; &copy;
                2008 - 2023 <a
href="https://www.unitconverters.net">unitconverters.net</a></div>
            </div>
        </div>
        <!-- Global site tag (gtag.js) - Google Analytics -->
        <script async
src="https://www.googletagmanager.com/gtag/js?id=UA-3068863-26"></script>
        <script>
            window.dataLayer = window.dataLayer || [];
            function gtag() { dataLayer.push(arguments); }
            gtag('js', new Date());

            gtag('config', 'UA-3068863-26');
        </script>
    </body>

</html>

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