Number System Converter

Converting Decimal Numbers to Binary, Hexadecimal, and Octal

ANDREW JOMUAD BSIT-1B

NUMBER SYSTEM CONVERTER

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Welcome to the Number System Converter

Convert Decimal Numbers to Binary, Hexadecimal, and Octal effortlessly.

Start Converting

A **Number System Converter** is a tool or program that allows you to convert a number from one number system (or numeral system) to another. Different number systems are used in various fields of computing, mathematics, and digital electronics. The most common number systems are:

1. Decimal (Base 10)
The standard number system used by humans, consisting of digits from 0 to 9.
Each place value represents a power of 10 (e.g., 10, 100, 1000).

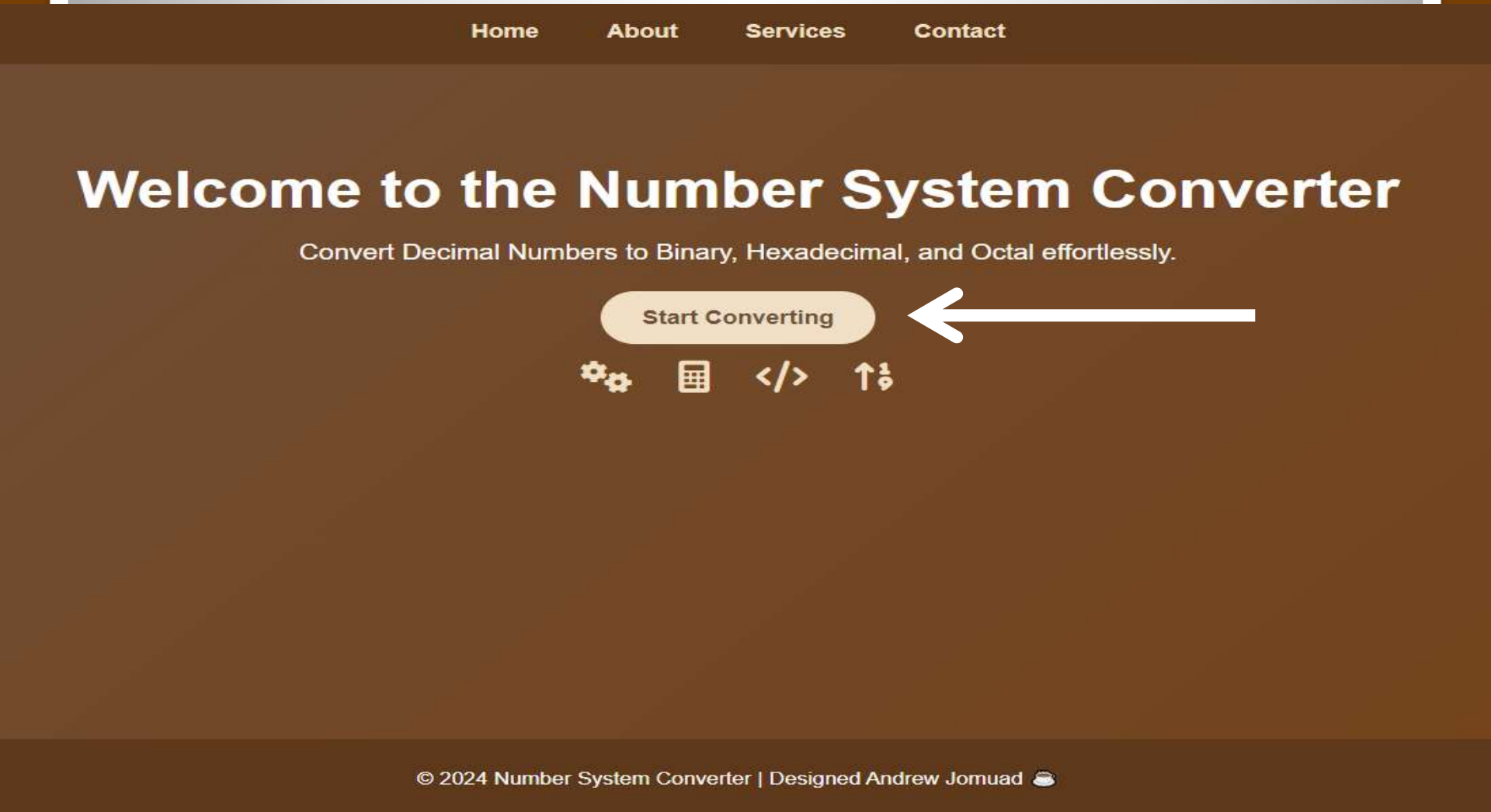
2. Binary (Base 2)
Used by computers and digital systems, consisting of only two digits: 0 and 1.
Each place value represents a power of 2 (e.g., 2, 4, 8, 16).

3. Hexadecimal (Base 16)
Often used in computing to represent large numbers in a compact form.
Uses digits 0–9 and letters A–F (where A = 10, B = 11, ..., F = 15).
Each place value represents a power of 16.

4. Octal (Base 8)
Previously used in some computer systems and applications, consisting of digits from 0 to 7.
Each place value represents a power of 8.

HOW TO USE

Step 1 – Click The (Start Converting)



HOW TO USE

Step 2– Input the number

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Conversion Table (0 to 15)

Decimal	Binary	Hexadecimal	Octal
0	0000	0	0
1	0001	1	1
2	0010	2	2
3	0011	3	3
4	0100	4	4
5	0101	5	5
6	0110	6	6
7	0111	7	7
8	1000	8	10
9	1001	9	11
10	1010	A	12
11	1011	B	13
12	1100	C	14
13	1101	D	15
14	1110	E	16
15	1111	F	17

Number System Conversion

Enter a Decimal Number:

Converted Numbers:

Binary:

Decimal:

Hexadecimal:

Octal:

ABOUT

About the Number System Converter

Our Number System Converter is a simple and powerful tool designed to convert decimal numbers into binary, hexadecimal, and octal formats. Whether you're a student, programmer, or just curious about number systems, our tool makes these conversions quick and easy.

Features of the Converter

Converts Decimal to Binary, Hexadecimal, and Octal.

Simple and intuitive user interface.

Fast and accurate results with minimal input.

Perfect for programmers, students, and anyone interested in number systems.

Supports both small and large decimal numbers.

Designed Andrew Jomuad

Try Now

SERVICES

Our Services

We provide a powerful Number System Converter that simplifies the conversion between Decimal, Binary, Hexadecimal, and Octal number systems. Our tool is designed to help students, programmers, and tech enthusiasts easily convert numbers between various formats with just a few clicks.

Supported Services

Binary Conversion: Convert decimal numbers into binary (base 2) representation.

Decimal Conversion: Convert binary, hexadecimal, or octal numbers into their decimal (base 10) form.

Hexadecimal Conversion: Convert decimal or binary numbers into hexadecimal (base 16) format, often used in programming and computing.

Octal Conversion: Convert decimal numbers into octal (base 8) format, a number system used in older computer systems.

Fast and Accurate: Our tool provides quick and accurate results with minimal input. Just type in a number, and the conversion happens instantly!

Easy to Use: The interface is simple and intuitive, making the conversion process accessible to everyone, from beginners to experts.

Try Now

CONTACT

Contact Us

If you have any questions, feel free to reach out to us

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