### HTML&CSS

design and build websites



**SERIF** 

**SANS-SERIF** 

**MONOSPACE** 





im

# The XYZ BASELINE

# The XYZ BASELINE DESCENDER







**WEIGHT** 

Light

Medium

Bold

**Black** 

**STYLE** 

Normal

Italic

Oblique

**STRETCH** 

Condensed

Regular

Extended

# CHOOSING A TYPEFACE FOR YOUR WEBSITE

**SERIF** 

Arial

Verdana

Helvetica

**SANS-SERIF** 

Georgia

Times

Times New Roman

# CHOOSING A TYPEFACE FOR YOUR WEBSITE

#### **MONOSPACE**

Courier

Courier New

### CURSIVE

Comic Sans MS

Monotype Corsiva

#### **FANTASY**

**Impact** 

Haettenschweiler

```
body {
 font-family: Georgia, Times, serif; }
h1, h2 {
 font-family: Arial, Verdana, sans-serif;}
.credits {
 font-family: "Courier New", Courier,
               monospace; }
```

```
body {
 font-family: Georgia, Times, serif; }
h1, h2 {
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#### **Briards**

by Ivy Duckett

The <u>briard</u>, or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

#### **Breed History**

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

# SIZE OF TYPE font-size

```
body {
 font-family: Georgia, Times, serif;
 font-size: 12px;}
h1 {
 font-size: 200%;}
.credits {
 font-size: 1.3em;}
```

#### CSS

```
body {
 font-family: Georgia, Times, serif;
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### TYPE SCALES

Developed in 16th century

Pleasing to the eye

Now used in programs such as Word, Photoshop and InDesign

8<sub>pt</sub>  $9_{pt}$ 10<sub>pt</sub> 11<sub>pt</sub> 12<sub>pt</sub> 14<sub>pt</sub> 18<sub>pt</sub> 24<sub>pt</sub>

```
@font-face {
   font-family: 'ChunkFiveRegular';
   src: url('fonts/chunkfive.eot');}

h1, h2 {
   font-family: ChunkFiveRegular, Georgia,
        serif;}
```

```
@font-face {
   font-family: 'ChunkFiveRegular';
   src: url('fonts/chunkfive.eot');}

h1, h2 {
   font-family: ChunkFiveRegular, Georgia,
       serif;}
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## **BULLETPROOF FONT FACE**@font-face

```
@font-face {
font-family: 'ChunkFiveRegular';
src: url('fonts/chunkfive.eot');
src: url('fonts/chunkfive.eot?#iefix')
   format('embedded-opentype'),
 url('fonts/chunkfive.woff')
   format('woff'),
 url('fonts/chunkfive.ttf')
   format('truetype'),
 url('fonts/
      chunkfive.svg#ChunkFiveRegular')
   format('svg');}
```



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### FONT FACE FORMATS

#### **FORMATS**

Must be supplied in several formats

### **SERVICES**

fontsquirrel.com provides css rules and conversion

#### **LICENSING**

Fonts subject to copyright and need appropriate license

## OTHER WAYS TO SPECIFY A FONT

#### **HOSTED FONTS**

Google web fonts

**Typekit** 

#### **SIFR**

Relies on Flash

Easier licensing

#### **CUFON**

Uses JavaScript

Requires appropriate license

# BOLD font-weight

```
.credits {
  font-weight: bold;}
```



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# ITALIC font-style

```
.credits {
  font-style: italic;}
```



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## UPPERCASE & LOWERCASE text-transform

```
h1 {
  text-transform: uppercase;}
h2 {
  text-transform: lowercase;}
.credits {
  text-transform: capitalize;}
```



### **BRIARDS**

By Ivy Duckett

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### breed history

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## UNDERLINE & STRIKE text-decoration

```
.credits {
  text-decoration: underline;}

a {
  text-decoration: none;}
```



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# LEADING line-height

```
p {
  line-height: 1.4em;}
```



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# LETTER & WORD SPACING letter-spacing, word-spacing

```
h1, h2 {
  text-transform: uppercase;
  letter-spacing: 0.2em;}

.credits {
  font-weight: bold;
  word-spacing: 1em;}
```



### BRIARDS

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#### BREED HISTORY

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```
h1 {
  text-align: left;}

p {
  text-align: justify;}

.credits {
  text-align: right;}
```

ALIGNMENT

text-align



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```
#six-months {
  vertical-align: text-top;}

#one-year {
  vertical-align: baseline;}

#two-years {
  vertical-align: text-bottom;}
```

VERTICAL ALIGNMENT

vertical-align



## **Briard Life Stages**



Six months



One year



Two years

```
h1 {
  background-image: url("images
    /logo.gif");
  background-repeat: no-repeat;
  text-indent: -9999px;}

.credits {
  text-indent: 20px;}
```

INDENTING TEXT

```
h1 {
  background-image: url("images
    /logo.gif");
  background-repeat: no-repeat;
  text-indent: -9999px;}

.credits {
  text-indent: 20px;}
```

INDENTING TEXT

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h1 {
  background-image: url("images
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## CSS3: DROP SHADOW text-shadow

```
p.one {
  background-color: #eeeeee;
  color: #666666;
  text-shadow: 1px 1px 0px #000000;}
p.two {
  background-color: #dddddd;
  color: #666666;
  text-shadow: 1px 1px 3px #666666;}
p.three {
  background-color: #ccccc;
  color: #ffffff;
  text-shadow: 2px 2px 7px #1111111;}
```

### **RESULT**

The briard is known as a heart wrapped in fur.

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The briard is known as a heart wrapped in fur.

# FIRST LETTER OR LINE :first-letter, :first-line

```
p.intro:first-letter {
  font-size: 200%;}

p.intro:first-line {
  font-weight: bold;}
```



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```
a:link {
  color: deeppink;
  text-decoration: none; }
a:visited {
  color: black;}
a:hover {
  color: deeppink;
  text-decoration: underline; }
a:active {
  color: darkcyan;}
```

STYLING LINKS

```
a:link {
  color: deeppink;
  text-decoration: none; }
a:visited {
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STYLING LINKS



## Dog Breeds: B

- Bedlington Terrier
- Belgian Shepherd
- Bergamasco
- Bichon Frise
- Bloodhound
- Bolognese
- Border CollieBorder Terrier
- Borzoi
- Bouvier des Flandres
- Briard

```
input {
  padding: 6px 12px 6px 12px;
  border: 1px solid #665544;
  color: #ffffff;}
input.submit:hover {
  background-color: #665544;}
input.submit:active {
  background-color: chocolate; }
input.text {
  color: #ccccc;}
input.text:focus {
  color: #665544;}
```

```
input {
  padding: 6px 12px 6px 12px;
 border: 1px solid #665544;
  color: #ffffff;}
input.submit:hover {
  background-color: #665544;}
input.submit:active {
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  background-color: chocolate; }
input.text {
  color: #ccccc;}
input.text:focus {
  color: #665544;}
```



Enter email address...

Submit

## ATTRIBUTE SELECTORS

Suffix

Existence	p[class]
Equality	p[class="dog"]
Space	p[class~="dog"]
Prefix	p[attr^="d"]
Substring	p[attr*="do"]

p[attr\$="g"]

There are properties to control the choice of font, size, weight, style, and spacing.

There is a limited choice of fonts that you can assume most people will have installed.

If you want to use a wider range of typefaces there are several options, but you need to have the right license to use them.

You can control the space between lines of text, individual letters, and words.

Pseudo-classes can change the style of an element when a user hovers over or clicks on text, or have visited a link.





