

Converting Colors

Decimal(16711168)

Have a look what the booklet for
Decimal(16711168) contains.

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Color

Decimal(16711168)

Conversions

Conversions Part 1

Format	Color
Hex	FEFE00
RGB	254, 254, 0
RGB Percent	100%, 100%, 0%
CMY	0.0039, 0.0039, 1.0000
CMYK	0.00, 0.00, 1.00, 0.00
HSL	60°, 100%, 50%
HSV	60°, 100%, 100%
XYZ	76.3149, 91.9545, 13.7268
YIQ	225.0440, 81.5340, -78.9940

Conversions

Conversions Part 2

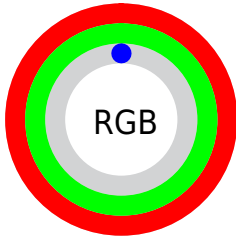
Format	Color
RYB	0, 254, 0
Decimal	16711168
CIELab	96.80, -21.49, 94.20
CIELCh	97, 96.622, 102.852
Yxy	91.9545, 0.4193, 0.5053
Android (android.graphics.Color)	4294901248 (0xFFFEFE00)
YUV	225.0440, -110.9467, 25.3944
Hunter-Lab	95.8929, -25.7561, 58.6378

Details

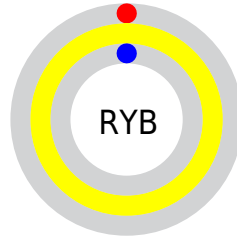
The Decimal color **16711168** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **254**, and the grayscale version is **14869218**.

A 20% lighter version of the original color is **16777056**, and **12633600** is the 20% darker color. If you saturate the color by 10%, you get **16711168**, and if you desaturate by 10%, it is **16711193**.

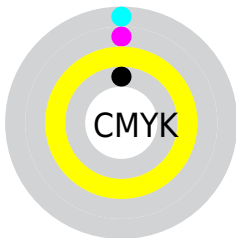
Distribution



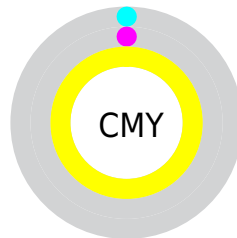
- Red (100%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)




















- Cyan (0%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711168 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 16711168 by changing the saturation by 10% instead.

 16711168	 16711168
16777215	 14672128
 16777056	 12633600
 16777087	 10660608
 16777118	 8753152
 16777148	 6846208
 16777178	 4939264
 16777209	 3163904
	 1388544
	 7424

 16711168

 16711193

 16711219

 16711244

 16711270

 16711295

 16711320

 16711346

 16711371

 16711397

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16768298



16711168



9699168

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16711168



65535



16753407

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16711168



254

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16763647



16711168



65535

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16711168



65535



7730175



16750801

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16711168



65435



7730175



16756479

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16711168



16777139



16646144



8421458



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16711168



16776960



8388096



8421491



12566272



4210688

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



254



255



8323326



7566208



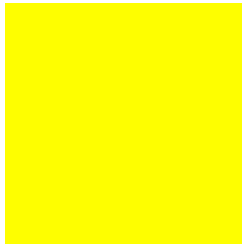
191



64

Previews

White Background



This preview shows how the Decimal color 16711168 looks on a white background.

Color Contrast Check

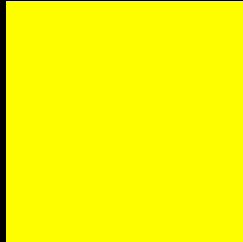
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 16711168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16711168 Background



This preview shows how black text looks on a background with the Decimal color 16711168.

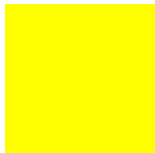


This preview shows how white text looks on a background with the Decimal color 16711168.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

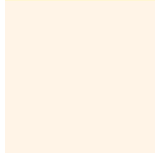
Dichromacy



Original Color
16711168



Protanopia
16774867

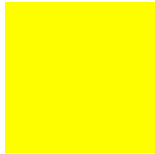


Deuteranopia
16774375

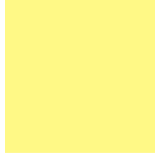


Tritanopia
16773881

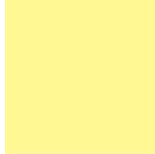
Trichromacy



Original Color
16711168



Protanomaly
16775558



Deuteranomaly
16775315

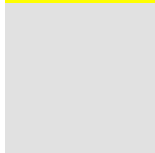


Tritanomaly
16774814

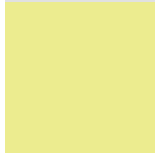
Monochromacy



Original Color
16711168



Achromatopsia
14803425



Achromatomaly
15527055

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711168 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FEFE00 looks like.

```
.text, #text, p{  
  color:#FEFE00  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FEFE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEFE00
}
```

Border

The CSS property to change the border of an element to Decimal 16711168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FEFE00 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FEFE00 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FEFE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEFE00; -webkit-box-shadow:4px 4px  
4px 4px #FEFE00; box-shadow:4px 4px 4px  
4px #FEFE00 }
```

Background

The CSS property to change the background color of an element to Decimal 16711168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEFE00 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FEFE00 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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