

Converting Colors

Hex(1F0012)

Have a look what the booklet for
Hex(1F0012) contains.

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Color

Hex(1F0012)

Conversions

Conversions Part 1

Format	Color
Hex	1F0012
RGB	31, 0, 18
RGB Percent	12%, 0%, 7%
CMY	0.8784, 1.0000, 0.9294
CMYK	0.00, 1.00, 0.42, 0.88
HSL	325°, 100%, 6%
HSV	325°, 100%, 12%
XYZ	0.6743, 0.3350, 0.6014
YIQ	11.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

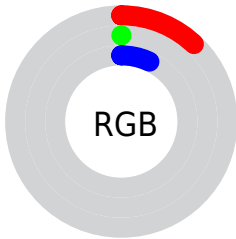
Format	Color
R_{YB}	31, 0, 18
Decimal	2031634
CIE Lab	3.03, 14.58, -3.38
CIE LCh	3, 14.966, 346.928
Yxy	0.3350, 0.4186, 0.2080
Android (android.graphics.Color)	4280221714 (0xFF1F0012)
YUV	11.3210, 3.2927, 17.2585
Hunter-Lab	5.7877, 10.6662, -2.1092

Details

The Hex color **1F0012** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001F0D**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **4A2F3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F0012**, and if you desaturate by 10%, it is **1F0313**.

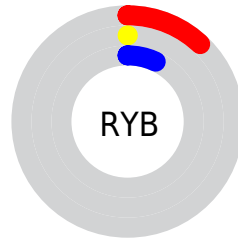
Distribution



Red (12%)

Green (0%)

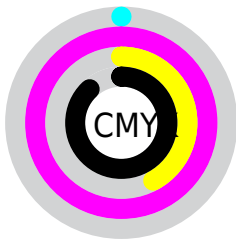
Blue (7%)



Red (12%)

Yellow (0%)

Blue (7%)

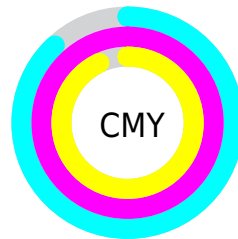


Cyan (0%)

Magenta (100%)

Yellow (42%)

Black (88%)



Cyan (88%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F0012 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 Hex color 1F0012 by changing the saturation by 10% instead.

 1F0012

 1F0012

 FFE2F2


 000000

 4A2F3C

 624653

 7B5D6C

 957685

 B0909F

 CBAABA

 E8C6D6

 1F0012

■ 1F0313

■ 1F0615

■ 1F0916

■ 1F0C17

■ 1F1019

■ 1F131A

■ 1F161B

■ 1F191C

■ 1F1C1E

Harmonies

Analogous

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



17041B



1F0012



220001

Triad

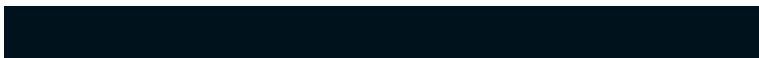
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1F0012



060E00



00121C

Complementary

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



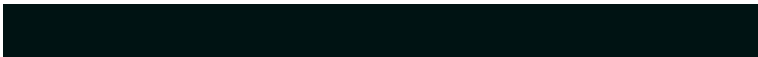
1F0012



001F0D

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.



001313



1F0012



001100

Square

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



1F0012



160800



001302



000F20

Rectangle

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



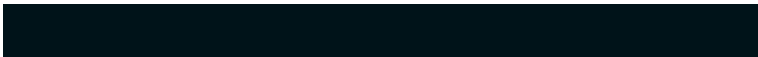
1F0012



200100



001302



001319

Sweetspot

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



1F0012



291D24



0D001F



140D11



949494



141414

Same Dimension

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



1F0012



290018



1F0003



0F0E0F



4F002E



CF0078

Inverse Universe

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



1F0012



290018



001F1C



0F0E0F



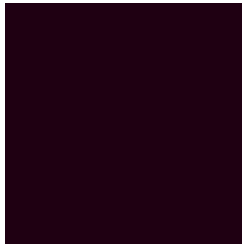
4F002E



CF0078

Previews

White Background



This preview shows how the Hex color 1F0012 looks on a white background.

Color Contrast Check

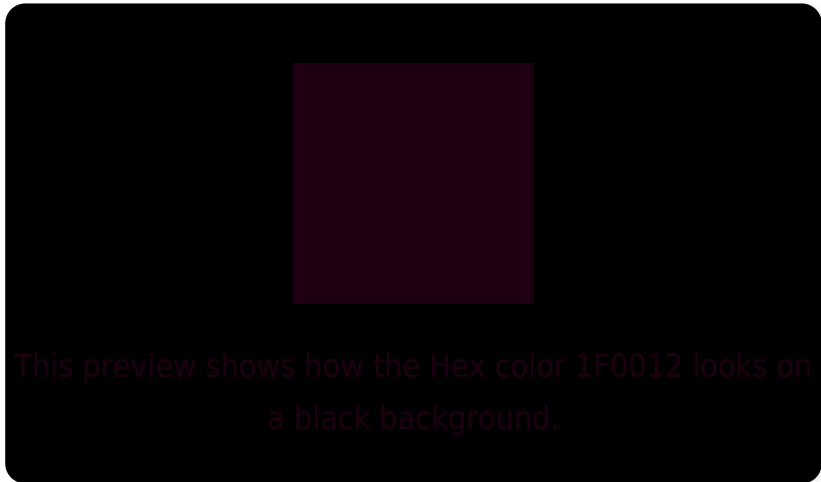
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

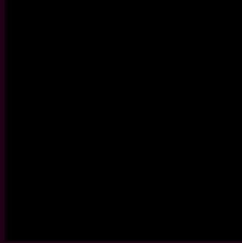
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1F0012 Background



This preview shows how black text looks on a background with the Hex color 1F0012.



This preview shows how white text looks on a background with the Hex color 1F0012.

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](#).

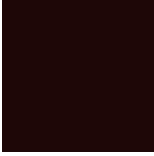
Dichromacy



Original Color
1F0012

Protanopia
0D101A

Deuteranopia
121011



Tritanopia
1E0707

Trichromacy



Original Color
1F0012

Protanomaly
140A17

Deuteranomaly
170A11

Tritanomaly
1E040B

Monochromacy



Original Color
1F0012

Achromatopsia
0B0B0B

Achromatomaly
12070E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F0012 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 #1F0012 looks like.

```
.text, #text, p{  
    color:#1F0012  
}
```

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 #1F0012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0012
}
```

Border

The CSS property to change the border of an element to Hex 1F0012 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".

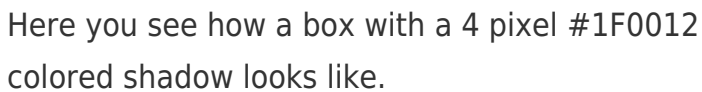
```
.border, #border, table{ border:4px solid
#1F0012 }
```

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

```
.border{ border-color:#1F0012 }
```

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

Here you see how a box with a 4 pixel #1F0012 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0012; -webkit-box-shadow:4px 4px  
4px 4px #1F0012; box-shadow:4px 4px 4px  
4px #1F0012 }
```

Background

The CSS property to change the background color of an element to Hex 1F0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0012 }
```

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

```
.background{ background-color:#1F0012 }
```

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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