

Converting Colors

Hex(1F1700)

Have a look what the booklet for
Hex(1F1700) contains.

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Color

Hex(1F1700)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 1F1700 |
| RGB | 31, 23, 0 |
| RGB Percent | 12%, 9%, 0% |
| CMY | 0.8784, 0.9098, 1.0000 |
| CMYK | 0.00, 0.26, 1.00, 0.88 |
| HSL | 45°, 100%, 6% |
| HSV | 45°, 100%, 12% |
| XYZ | 0.8715, 0.9041, 0.1286 |
| YIQ | 22.7700, 12.1510, -5.4570 |

Conversions

Conversions Part 2

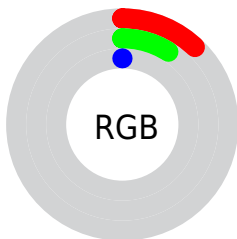
| Format | Color |
|-------------------------------------|---|
| RYB | 11, 31, 0 |
| Decimal | 2037504 |
| CIELab | 8.17, 0.49, 12.24 |
| CIELCh | 8, 12.249, 87.714 |
| Yxy | 0.9041, 0.4577, 0.4748 |
| Android (android.graphics.Color) | 4280227584 (0xFF1F1700) |
| YUV | 22.7700, -11.2256, 7.2177 |
| Hunter-Lab | 9.5084, -0.2797, 5.8541 |

Details

The Hex color **1F1700** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **00081F**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **4A4230**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F1700**, and if you desaturate by 10%, it is **1F1803**.

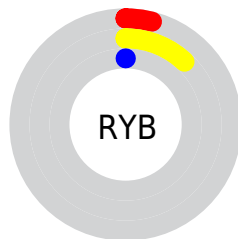
Distribution



Red (12%)

Green (9%)

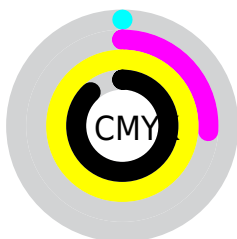
Blue (0%)



Red (4%)

Yellow (12%)

Blue (0%)

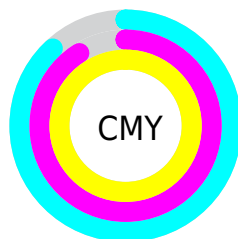


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (88%)



Cyan (88%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F1700 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 1F1700 by changing the saturation by 10% instead.

 1F1700

 1F1700

 FFF9E2

 000000

 4A4230

 625946


 7B715E

 958B77

 B0A590

 CCC0AB

 E8DCC6

 1F1700

■ 1F1803

■ 1F1906

■ 1F1909

■ 1F1A0C

■ 1F1B10

■ 1F1C13

■ 1F1D16

■ 1F1D19

■ 1F1E1C

Harmonies

Analogous

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



251405



1F1700



171A03

Triad

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



1F1700



001C1F



211321

Complementary

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



1F1700



00081F

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.



181626



1F1700



001B25

Square

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



1F1700



001C17



0A1928



271119

Rectangle

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



1F1700



0F1B09



0A1928



1F1423

Sweetspot

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



1F1700



29261D



1F0008



14130D



949494



141414

Same Dimension

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



1F1700



291E00



181F00



0F0F0E



4F3B00



CF9900

Inverse Universe

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



00081F



000B29



07001F



0E0E0F



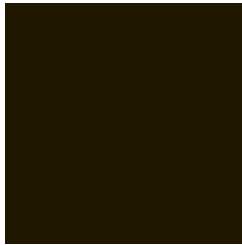
00144F



0035CF

Previews

White Background



This preview shows how the Hex color 1F1700 looks on a white background.

Color Contrast Check

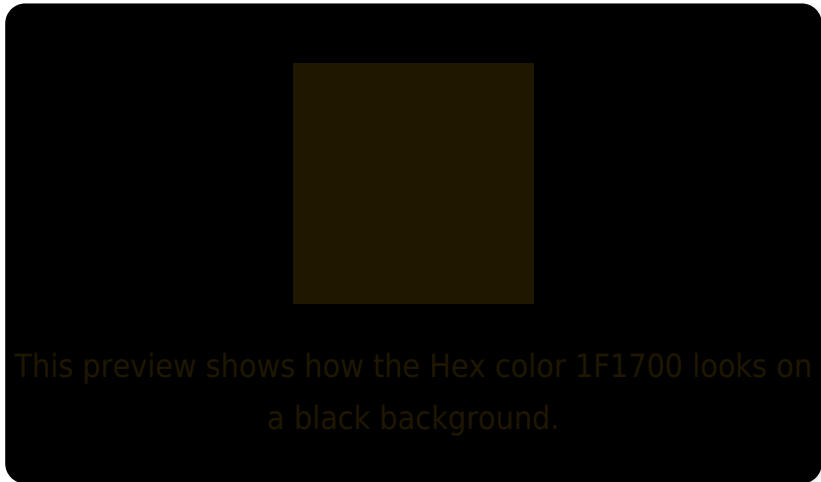
Large Text (above 18pt) WCAG AA ✓ Pass

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

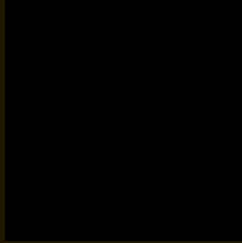
Any Text WCAG AA × Fail

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 1F1700 Background



This preview shows how black text looks on a background with the Hex color 1F1700.

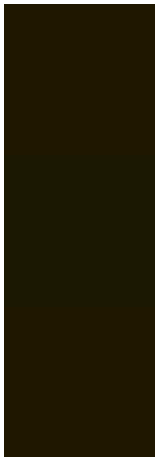


This preview shows how white text looks on a background with the Hex color 1F1700.

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
1F1700

Protanopia
1B1802

Deuteranopia
1F1700

Trichromacy



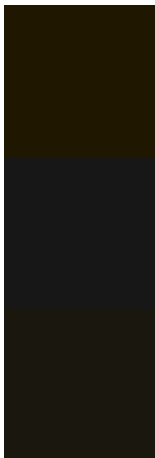
Original Color
1F1700

Protanomaly
1C1801

Deuteranomaly
1F1700

Tritanomaly
20160F

Monochromacy



Original Color
1F1700

Achromatopsia
171717

Achromatomaly
1A170F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F1700 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 #1F1700 looks like.

```
.text, #text, p{  
    color:#1F1700  
}
```

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 #1F1700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F1700
}
```

Border

The CSS property to change the border of an element to Hex 1F1700 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
#1F1700 }
```

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

```
.border{ border-color:#1F1700 }
```

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

Here you see how a box with a 4 pixel #1F1700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F1700; -webkit-box-shadow:4px 4px  
4px 4px #1F1700; box-shadow:4px 4px 4px  
4px #1F1700 }
```

Background

The CSS property to change the background color of an element to Hex 1F1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F1700 }
```

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

```
.background{ background-color:#1F1700 }
```

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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