

Converting Colors

Hex(1F1616)

Have a look what the booklet for
Hex(1F1616) contains.

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Color

Hex(1F1616)

Conversions

Conversions Part 1

Format	Color
Hex	1F1616
RGB	31, 22, 22
RGB Percent	12%, 9%, 9%
CMY	0.8784, 0.9137, 0.9137
CMYK	0.00, 0.29, 0.29, 0.88
HSL	0°, 17%, 10%
HSV	0°, 29%, 12%
XYZ	0.9968, 0.9231, 0.8847
YIQ	24.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

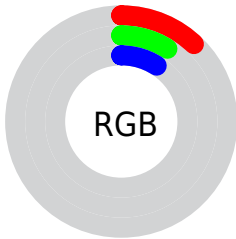
Format	Color
RYB	31, 22, 22
Decimal	2037270
CIELab	8.33, 4.56, 1.71
CIElCh	8, 4.871, 20.597
Yxy	0.9231, 0.3554, 0.3291
Android (android.graphics.Color)	4280227350 (0xFF1F1616)
YUV	24.6910, -1.3267, 5.5330
Hunter-Lab	9.6076, 1.7065, 1.2657

Details

The Hex color **1F1616** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **161F1F**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4B4040**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F1313**, and if you desaturate by 10%, it is **1F1919**.

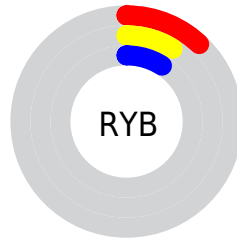
Distribution



Red (12%)

Green (9%)

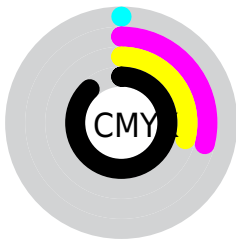
Blue (9%)



Red (12%)

Yellow (9%)

Blue (9%)

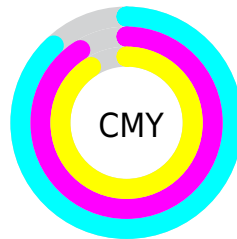


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (88%)



Cyan (88%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F1616 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 1F1616 by changing the saturation by 10% instead.

■ 1F1616

■ 1F1616

■ FFF7F7

■ 000000

■ 4B4040

■ 635858

■ 7C7070

■ 968A89

■ B0A4A4

■ CCBFBF

■ E8DBDB

■ 1F1616

■ 1F1616

■ 1F1313

■ 1F1919

■ 1F1010

■ 1F1C1C

■ 1F0D0D

■ 1F1F1F

■ 1F0A0A

■ 1F2222

■ 1F0707

■ 1F2626

■ 1F0303

■ 1F2929

■ 1F0000

■ 1F2C2C

■ 1F2F2F

■ 1F3232

Harmonies

Analogous

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



1E1619



1F1616



1E1713

Triad

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



1F1616



151A14



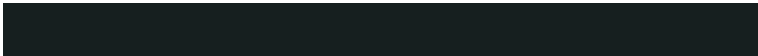
13191E

Complementary

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



1F1616



161F1F

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.



101A1D



1F1616



111A17

Square

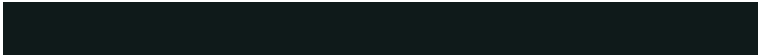
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1F1616



191912



0F1A1A



17181E

Rectangle

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



1F1616



1D1712



0F1A1A



12191E

Sweetspot

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



1F1616



292525



1F161F



141212



949494



141414

Same Dimension

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



1F1616



291B1B



1F1B16



0F0E0E



4F0000



CF0000

Inverse Universe

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



161F1F



1B2929



161B1F



0E0F0F



004F4F



00CFCF

Previews

White Background



This preview shows how the Hex color 1F1616 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

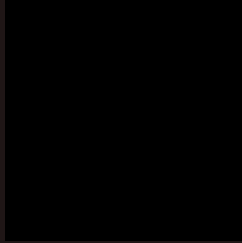
Any Text WCAG AA × Fail

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 1F1616 Background



This preview shows how black text looks on a background with the Hex color 1F1616.

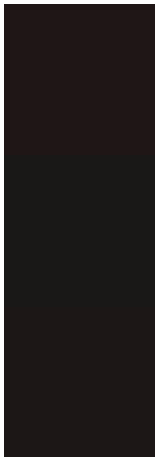


This preview shows how white text looks on a background with the Hex color 1F1616.

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](#).

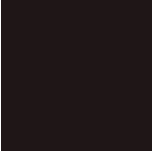
Dichromacy



Original Color
1F1616

Protanopia
191817

Deuteranopia
1C1716



Tritanopia
1F1617

Trichromacy



Original Color

1F1616

Protanomaly

1B1717

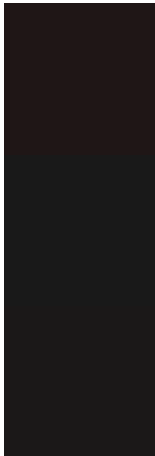
Deuteranomaly

1D1716

Tritanomaly

1F1617

Monochromacy



Original Color

1F1616

Achromatopsia

191919

Achromatomaly

1B1818

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F1616 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 #1F1616 looks like.

```
.text, #text, p{  
    color:#1F1616  
}
```

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 #1F1616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F1616
}
```

Border

The CSS property to change the border of an element to Hex 1F1616 is called "border". The border property can be set on classes, ids or directly on the HTML element.

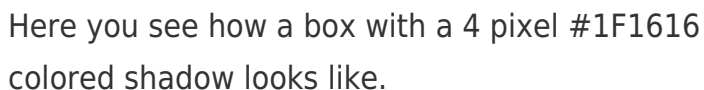
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F1616 }
```

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

```
.border{ border-color:#1F1616 }
```

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



Here you see how a box with a 4 pixel #1F1616 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F1616; -webkit-box-shadow:4px 4px  
4px 4px #1F1616; box-shadow:4px 4px 4px  
4px #1F1616 }
```

Background

The CSS property to change the background color of an element to Hex 1F1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F1616 }
```

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

```
.background{ background-color:#1F1616 }
```

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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