

Converting Colors

Hex(200F17)

Have a look what the booklet for
Hex(200F17) contains.

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Color

Hex(200F17)

Conversions

Conversions Part 1

Format	Color
Hex	200F17
RGB	32, 15, 23
RGB Percent	13%, 6%, 9%
CMY	0.8745, 0.9412, 0.9098
CMYK	0.00, 0.53, 0.28, 0.87
HSL	332°, 36%, 9%
HSV	332°, 53%, 13%
XYZ	0.9211, 0.7106, 0.8992
YIQ	20.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

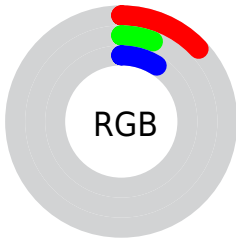
Format	Color
RYB	32, 15, 23
Decimal	2101015
CIELab	6.42, 9.97, -1.80
CIElCh	6, 10.130, 349.792
Yxy	0.7106, 0.3640, 0.2808
Android (android.graphics.Color)	4280291095 (0xFF200F17)
YUV	20.9950, 0.9885, 9.6514
Hunter-Lab	8.4296, 4.7536, -0.4239

Details

The Hex color **200F17** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0F2018**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **4C3941**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **200C15**, and if you desaturate by 10%, it is **201219**.

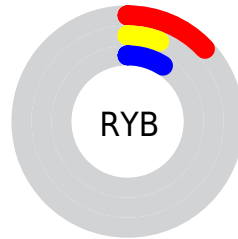
Distribution



Red (13%)

Green (6%)

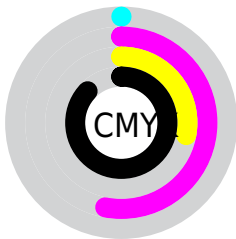
Blue (9%)



Red (13%)

Yellow (6%)

Blue (9%)

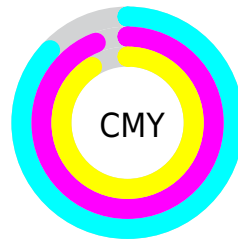


Cyan (0%)

Magenta (53%)

Yellow (28%)

Black (87%)



Cyan (87%)

Magenta (94%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200F17 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 200F17 by changing the saturation by 10% instead.

■ 200F17

■ 200F17

■ FFEF8

■ 000000

■ 4C3941

■ 645059

■ 7D6871

■ 97828B

■ B29CA5

■ CEB7C0

■ EAD2DC

■ 200F17

■ 200F17

■ 200C15

■ 201219

■ 200914

■ 20151A

■ 200512

■ 20191C

■ 200210

■ 201C1E

■ 20000F

■ 201F1F

■ 202221

■ 202523

■ 202925

■ 202C26

Harmonies

Analogous

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



1B111D



200F17



220F0F

Triad

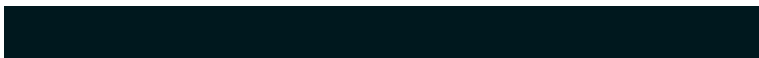
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200F17



151500



00181E

Complementary

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



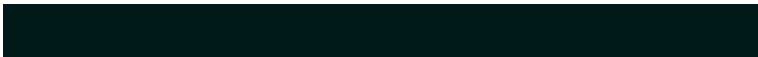
200F17



0F2018

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.



001919



200F17



0B1707

Square

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



200F17



1D1300



001811



061621

Rectangle

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



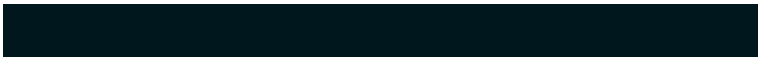
200F17



211008



001811



00181D

Sweetspot

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



200F17



292225



180F20



141112



949494



141414

Same Dimension

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



200F17



290F1B



200F0F



0F0E0E



4F0025



CF0061

Inverse Universe

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



200F17



290F1B



0F2020



0F0E0E



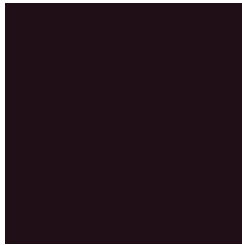
4F0025



CF0061

Previews

White Background



This preview shows how the Hex color 200F17 looks on a white background.

Color Contrast Check

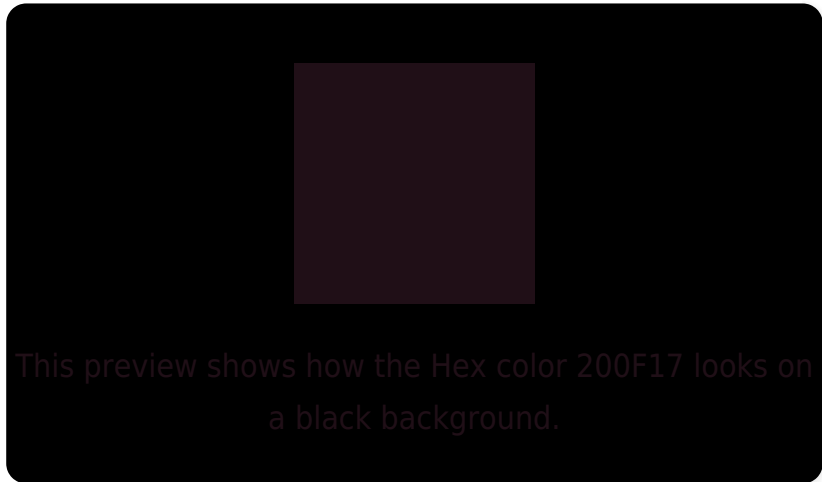
Large Text (above 18pt) WCAG AA ✓ Pass

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

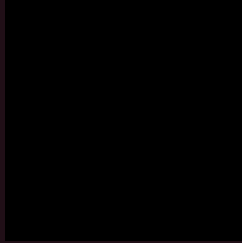
Any Text WCAG AA × Fail

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 200F17 Background



This preview shows how black text looks on a background with the Hex color 200F17.



This preview shows how white text looks on a background with the Hex color 200F17.

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
200F17

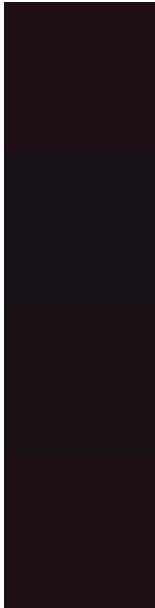
Protanopia
13151B

Deuteranopia
161416



Tritanopia
1F1011

Trichromacy



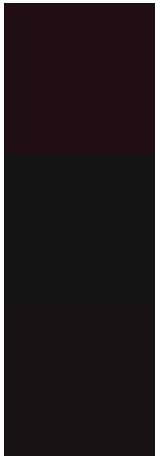
Original Color
200F17

Protanomaly
18131A

Deuteranomaly
1A1216

Tritanomaly
1F1013

Monochromacy



Original Color
200F17

Achromatopsia
151515

Achromatomaly
191316

CSS Examples

Text

The CSS property to change the color of the text to Hex 200F17 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 #200F17 looks like.

```
.text, #text, p{  
    color:#200F17  
}
```

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 #200F17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200F17
}
```

Border

The CSS property to change the border of an element to Hex 200F17 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
#200F17 }
```

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

```
.border{ border-color:#200F17 }
```

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

Here you see how a box with a 4 pixel #200F17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200F17; -webkit-box-shadow:4px 4px  
4px 4px #200F17; box-shadow:4px 4px 4px  
4px #200F17 }
```

Background

The CSS property to change the background color of an element to Hex 200F17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200F17 }
```

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

```
.background{ background-color:#200F17 }
```

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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