

Converting Colors

Hex(1F1E12)

Have a look what the booklet for
Hex(1F1E12) contains.

Hex(1F1E12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1F1E12)

Conversions

Conversions Part 1

Format	Color
Hex	1F1E12
RGB	31, 30, 18
RGB Percent	12%, 12%, 7%
CMY	0.8784, 0.8824, 0.9294
CMYK	0.00, 0.03, 0.42, 0.88
HSL	55°, 27%, 10%
HSV	55°, 42%, 12%
XYZ	1.1385, 1.2635, 0.7561
YIQ	28.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

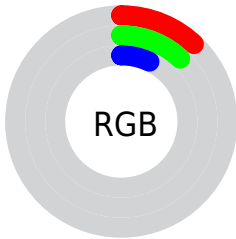
Format	Color
RYB	19, 31, 18
Decimal	2039314
CIELab	11.02, -2.05, 8.18
CIELCh	11, 8.435, 104.090
Yxy	1.2635, 0.3605, 0.4001
Android (android.graphics.Color)	4280229394 (0xFF1F1E12)
YUV	28.9310, -5.3890, 1.8145
Hunter-Lab	11.2407, -1.5915, 3.8801

Details

The Hex color **1F1E12** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12131F**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **4B4A3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F1E0F**, and if you desaturate by 10%, it is **1F1E15**.

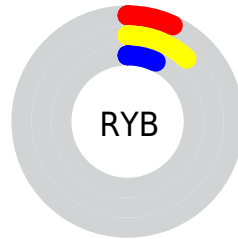
Distribution



Red (12%)

Green (12%)

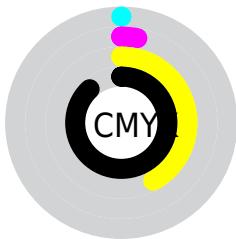
Blue (7%)



Red (7%)

Yellow (12%)

Blue (7%)

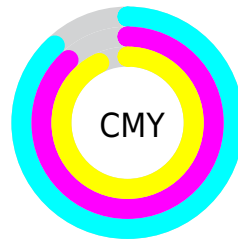


Cyan (0%)

Magenta (3%)

Yellow (42%)

Black (88%)



Cyan (88%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F1E12 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 1F1E12 by changing the saturation by 10% instead.

■ 1F1E12

■ 1F1E12

■ FFFFF2

■ 000500

■ 4B4A3C

■ 000000

■ 636153

■ 7C7A6C

■ 969485

■ B0AE9F

■ CCCABA

■ E8E6D6

■ 1F1E12

■ 1F1E12

■ 1F1E0F

■ 1F1E15

■ 1F1E0C

■ 1F1E18

■ 1F1D09

■ 1F1F1B

■ 1F1D06

■ 1F1F1E

■ 1F1D02

■ 1F1F21

■ 1F1D00

■ 1F1F25

■ 1F2028

■ 1F202B

■ 1F202E

Harmonies

Analogous

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



241C12



1F1E12



182015

Triad

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



1F1E12



0D2025



271A21

Complementary

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



1F1E12



12131F

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.



221B26



1F1E12



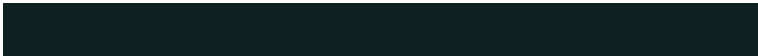
121F28

Square

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



1F1E12



0D2120



1A1D29



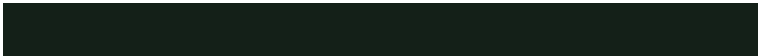
29191B

Rectangle

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



1F1E12



142018



1A1D29



261A23

Sweetspot

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



1F1E12



292823



1F1213



141411



949494



141414

Same Dimension

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



1F1E12



292714



1A1F12



0F0F0E



4F4900



CFBF00

Inverse Universe

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



12131F



141629



17121F



0E0E0F



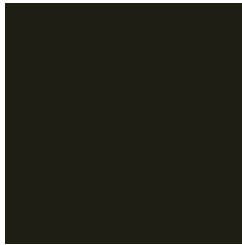
00064F



0010CF

Previews

White Background



This preview shows how the Hex color 1F1E12 looks on a white background.

Color Contrast Check

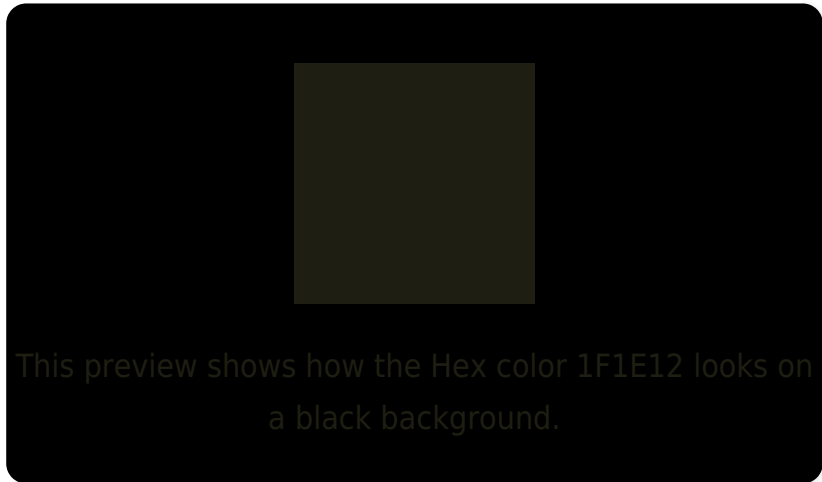
Large Text (above 18pt) WCAG AA ✓ Pass

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

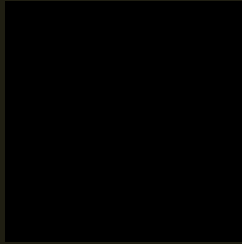
Any Text WCAG AA × Fail

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 1F1E12 Background



This preview shows how black text looks on a background with the Hex color 1F1E12.



This preview shows how white text looks on a background with the Hex color 1F1E12.

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

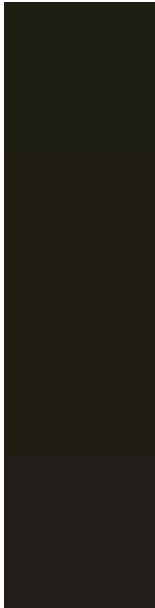


Original Color
1F1E12

Protanopia
201E12

Deuteranopia
241C12

Trichromacy



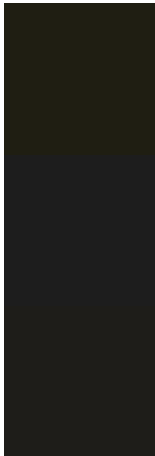
Original Color
1F1E12

Protanomaly
201E12

Deuteranomaly
221D12

Tritanomaly
201D1A

Monochromacy



Original Color
1F1E12

Achromatopsia
1D1D1D

Achromatomaly
1E1D19

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F1E12 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 #1F1E12 looks like.

```
.text, #text, p{  
    color:#1F1E12  
}
```

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 #1F1E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F1E12
}
```

Border

The CSS property to change the border of an element to Hex 1F1E12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

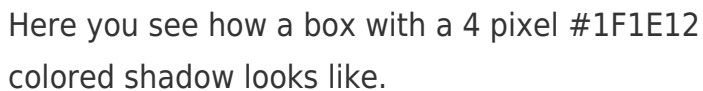
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F1E12 }
```

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

```
.border{ border-color:#1F1E12 }
```

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



Here you see how a box with a 4 pixel #1F1E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F1E12; -webkit-box-shadow:4px 4px  
4px 4px #1F1E12; box-shadow:4px 4px 4px  
4px #1F1E12 }
```

Background

The CSS property to change the background color of an element to Hex 1F1E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F1E12 }
```

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

```
.background{ background-color:#1F1E12 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor