

Converting Colors

Hex(221F04)

Have a look what the booklet for
Hex(221F04) contains.

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Color

Hex(221F04)

Conversions

Conversions Part 1

Format	Color
Hex	221F04
RGB	34, 31, 4
RGB Percent	13%, 12%, 2%
CMY	0.8667, 0.8784, 0.9843
CMYK	0.00, 0.09, 0.88, 0.87
HSL	54°, 79%, 7%
HSV	54°, 88%, 13%
XYZ	1.1716, 1.3288, 0.3096
YIQ	28.8190, 10.4550, -7.7610

Conversions

Conversions Part 2

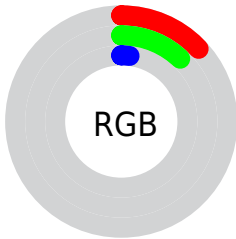
Format	Color
R_{YB}	7, 34, 4
Decimal	2236164
CIE Lab	11.48, -2.93, 15.36
CIE LCh	11, 15.634, 100.799
Yxy	1.3288, 0.4169, 0.4729
Android (android.graphics.Color)	4280426244 (0xFF221F04)
YUV	28.8190, -12.2358, 6.4537
Hunter-Lab	11.5274, -2.0312, 6.4768

Details

The Hex color **221F04** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **040722**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **4E4B32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **221F01**, and if you desaturate by 10%, it is **221F07**.

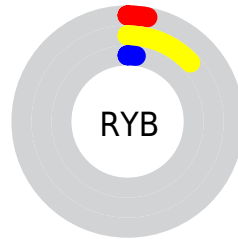
Distribution



Red (13%)

Green (12%)

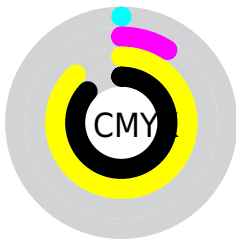
Blue (2%)



Red (3%)

Yellow (13%)

Blue (2%)

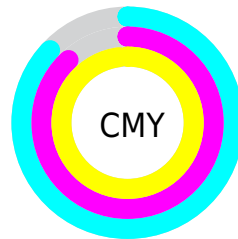


Cyan (0%)

Magenta (9%)

Yellow (88%)

Black (87%)



Cyan (87%)

Magenta (88%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221F04 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 221F04 by changing the saturation by 10% instead.

■ 221F04

■ 221F04

■ FFFFE5

■ 010700

■ 4E4B32

■ 000000

■ 676249

■ 807B60

■ 9A9579

■ B5B093

■ D1CBAE

■ EDE7C9

■ 221F04

■ 221F04

■ 221F01

■ 221F07

■ 221F00

■ 22200B

■ 22200E

■ 222012

■ 222115

■ 222118

■ 22211C

■ 22221F

■ 222223

Harmonies

Analogous

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



2B1B06



221F04



16220C

Triad

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



221F04



00232C



2F1726

Complementary

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



221F04



040722

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.



241A2F



221F04



002132

Square

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



221F04



002422



141E33



33161B

Rectangle

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



221F04



0C2314



141E33



2C1829

Sweetspot

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



221F04



2B2A20



220407



171610



969696



171717

Same Dimension

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



221F04



2B2700



162204



121210



524900



D1BC00

Inverse Universe

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



040722



00042B



100422



101012



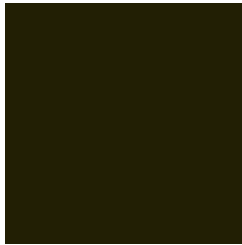
000852



0015D1

Previews

White Background



This preview shows how the Hex color 221F04 looks on a white background.

Color Contrast Check

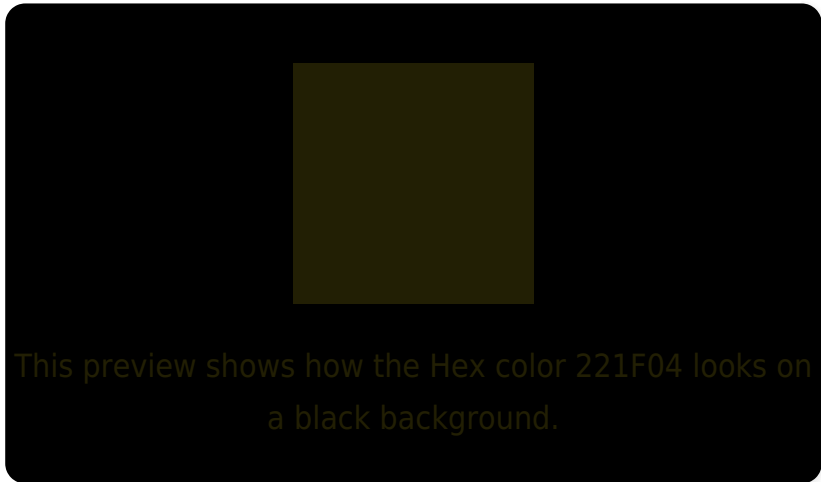
Large Text (above 18pt) WCAG AA ✓ Pass

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

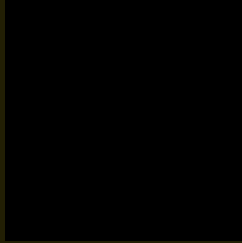
Any Text WCAG AA × Fail

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 221F04 Background



This preview shows how black text looks on a background with the Hex color 221F04.



This preview shows how white text looks on a background with the Hex color 221F04.

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
221F04

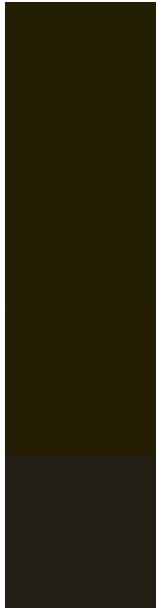
Protanopia
231F04

Deuteranopia
271D06



Tritanopia
241D1F

Trichromacy



Original Color

221F04

Protanomaly

231F04

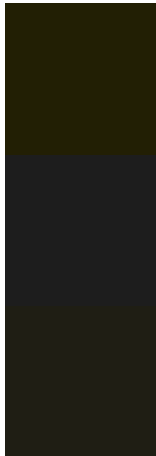
Deuteranomaly

251E05

Tritanomaly

231E15

Monochromacy



Original Color

221F04

Achromatopsia

1D1D1D

Achromatomaly

1F1E14

CSS Examples

Text

The CSS property to change the color of the text to Hex 221F04 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 #221F04 looks like.

```
.text, #text, p{  
    color:#221F04  
}
```

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 #221F04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221F04
}
```

Border

The CSS property to change the border of an element to Hex 221F04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

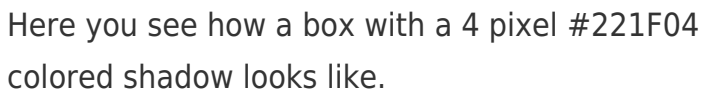
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221F04 }
```

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

```
.border{ border-color:#221F04 }
```

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



Here you see how a box with a 4 pixel #221F04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221F04; -webkit-box-shadow:4px 4px  
4px 4px #221F04; box-shadow:4px 4px 4px  
4px #221F04 }
```

Background

The CSS property to change the background color of an element to Hex 221F04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221F04 }
```

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

```
.background{ background-color:#221F04 }
```

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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