

Converting Colors

Hex(220F10)

Have a look what the booklet for
Hex(220F10) contains.

Hex(220F10)	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(220F10)

Conversions

Conversions Part 1

Format	Color
Hex	220F10
RGB	34, 15, 16
RGB Percent	13%, 6%, 6%
CMY	0.8667, 0.9412, 0.9373
CMYK	0.00, 0.56, 0.53, 0.87
HSL	357°, 39%, 10%
HSV	357°, 56%, 13%
XYZ	0.9240, 0.7191, 0.5803
YIQ	20.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

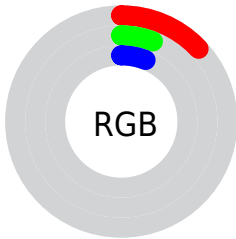
Format	Color
RYB	34, 15, 16
Decimal	2232080
CIELab	6.50, 9.75, 2.90
CIELCh	6, 10.171, 16.563
Yxy	0.7191, 0.4156, 0.3234
Android (android.graphics.Color)	4280422160 (0xFF220F10)
YUV	20.7950, -2.3639, 11.5808
Hunter-Lab	8.4802, 4.6097, 1.8788

Details


The Hex color **220F10** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0F2221**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **4F393B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220C0D**, and if you desaturate by 10%, it is **221213**.

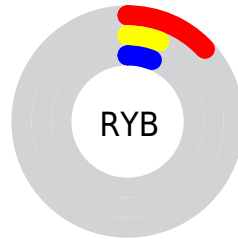
Distribution



 Red (13%)

 Green (6%)

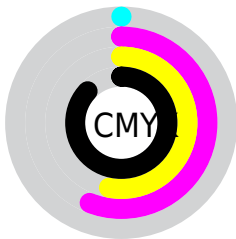
 Blue (6%)




 Red (13%)

 Yellow (6%)

 Blue (6%)

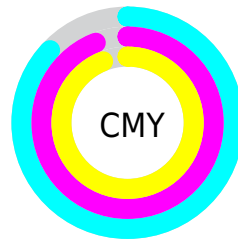


 Cyan (0%)


 Magenta (56%)

 Yellow (53%)

 Black (87%)



 Cyan (87%)

 Magenta (94%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220F10 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 220F10 by changing the saturation by 10% instead.

 220F10

 220F10

 FFEEF0

 000000

 4F393B

 675052

 80686A

 9B8283

 B69C9D

 D1B7B8

 EED2D3

 220F10

 220F10

■ 220C0D

■ 221213

■ 22080A

■ 221616

■ 220506

■ 22191A

■ 220103

■ 221D1D

■ 220002

■ 222020

■ 222323

■ 222727

■ 222A2A

■ 222E2D

Harmonies

Analogous

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



200F18



220F10



211006

Triad

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



220F10



0C1706



051621

Complementary

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



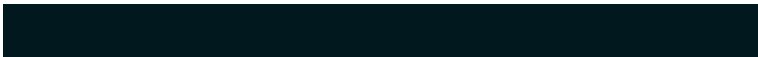
220F10



0F2221

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.



00181E



220F10



011910

Square

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



220F10



171500



001918



111421

Rectangle

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



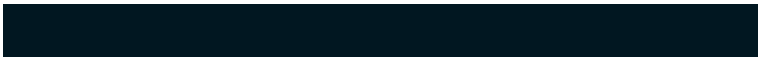
220F10



1F1201



001918



011721

Sweetspot

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



220F10



2B2424



210F22



171213



969696



171717

Same Dimension

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



220F10



2B0E10



22170F



121010



520004



D1000B

Inverse Universe

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



220F10



2B0E10



0F1A22



121010



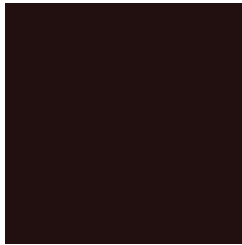
520004



D1000B

Previews

White Background



This preview shows how the Hex color 220F10 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

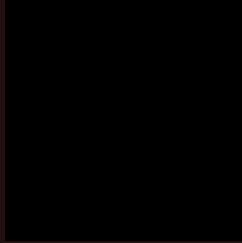
Any Text WCAG AA × Fail

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 220F10 Background



This preview shows how black text looks on a background with the Hex color 220F10.

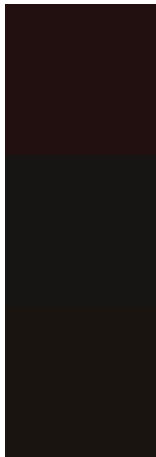


This preview shows how white text looks on a background with the Hex color 220F10.

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
220F10

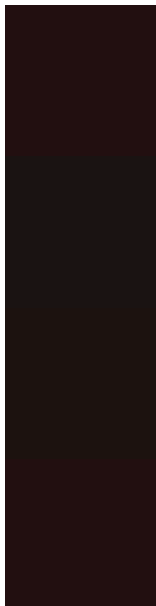
Protanopia
161513

Deuteranopia
19140F



Tritanopia
220F10

Trichromacy



Original Color

220F10

Protanomaly

1A1312

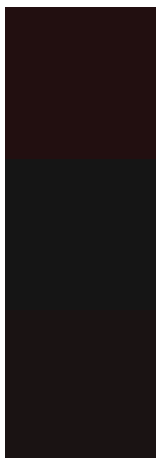
Deuteranomaly

1C120F

Tritanomaly

220F10

Monochromacy



Original Color

220F10

Achromatopsia

151515

Achromatomaly

1A1313

CSS Examples

Text

The CSS property to change the color of the text to Hex 220F10 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 #220F10 looks like.

```
.text, #text, p{  
    color:#220F10  
}
```

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 #220F10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220F10
}
```

Border

The CSS property to change the border of an element to Hex 220F10 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
#220F10 }
```

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

```
.border{ border-color:#220F10 }
```

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

Here you see how a box with a 4 pixel #220F10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220F10; -webkit-box-shadow:4px 4px  
4px 4px #220F10; box-shadow:4px 4px 4px  
4px #220F10 }
```

Background

The CSS property to change the background color of an element to Hex 220F10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220F10 }
```

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

```
.background{ background-color:#220F10 }
```

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