

Converting Colors

Hex(220C0E)

Have a look what the booklet for
Hex(220C0E) contains.

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Color

Hex(220C0E)

Conversions

Conversions Part 1

Format	Color
Hex	220C0E
RGB	34, 12, 14
RGB Percent	13%, 5%, 5%
CMY	0.8667, 0.9529, 0.9451
CMYK	0.00, 0.65, 0.59, 0.87
HSL	355°, 48%, 9%
HSV	355°, 65%, 13%
XYZ	0.8704, 0.6347, 0.4921
YIQ	18.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

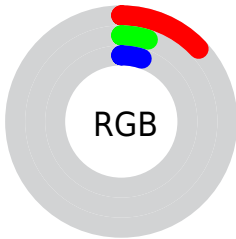
Format	Color
R_{YB}	34, 12, 14
Decimal	2231310
CIE Lab	5.73, 10.93, 2.85
CIE LCh	6, 11.294, 14.598
Yxy	0.6347, 0.4358, 0.3178
Android (android.graphics.Color)	4280421390 (0xFF220C0E)
YUV	18.8060, -2.3694, 13.3251
Hunter-Lab	7.9670, 5.5595, 1.9147

Details

The Hex color **220C0E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C2220**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **4F3739**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **22090B**, and if you desaturate by 10%, it is **220F11**.

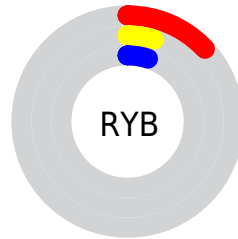
Distribution



Red (13%)

Green (5%)

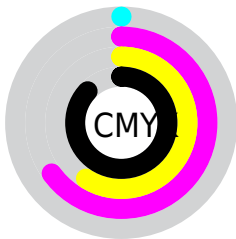
Blue (5%)



Red (13%)

Yellow (5%)

Blue (5%)

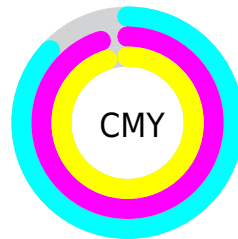


Cyan (0%)

Magenta (65%)

Yellow (59%)

Black (87%)



Cyan (87%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220C0E 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 220C0E by changing the saturation by 10% instead.

 220C0E

 220C0E

 FFE8EE

 000000

 4F3739

 674E50

 806668

 9A7F81

 B5999B

 D1B4B6

 EECFD1

 220C0E

 220C0E

■ 22090B

■ 220F11

■ 220508

■ 221314

■ 220205

■ 221617

■ 220003

■ 221A1A

■ 221D1D

■ 222021

■ 222424

■ 222727

■ 222B2A

Harmonies

Analogous

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



1F0D17



220C0E



210E02

Triad

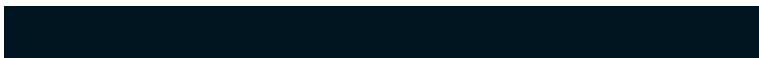
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220C0E



091601



001521

Complementary

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



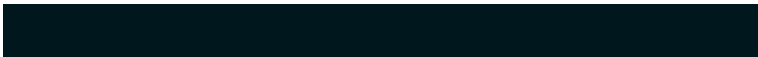
220C0E



0C2220

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.



00171D



220C0E



00170D

Square

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



220C0E



151300



001817



0E1221

Rectangle

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



220C0E



1F0F00



001817



001620

Sweetspot

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



220C0E



2B2324



200C22



171212



969696



171717

Same Dimension

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



220C0E



2B0A0D



22150C



121010



520007



D10013

Inverse Universe

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



220C0E



2B0A0D



0C1922



121010



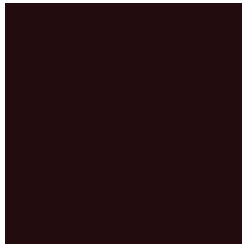
520007



D10013

Previews

White Background



This preview shows how the Hex color 220C0E looks on a white background.

Color Contrast Check

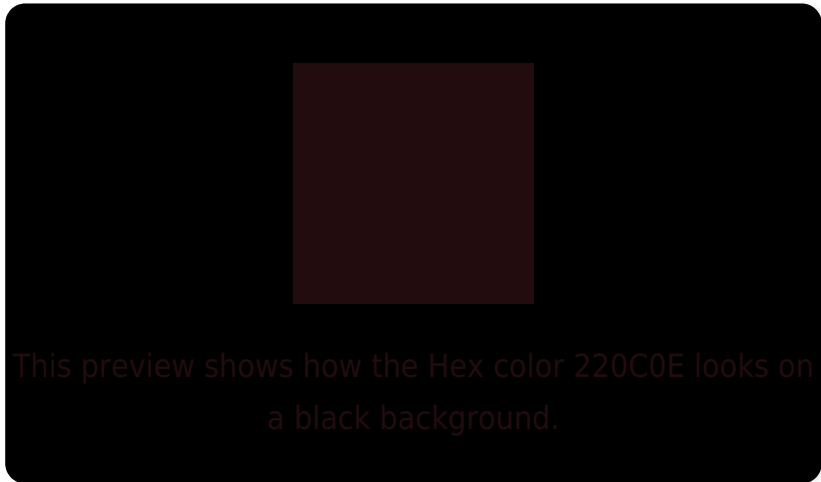
Large Text (above 18pt) WCAG AA ✓ Pass

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

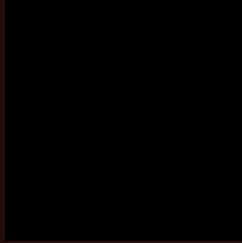
Any Text WCAG AA × Fail

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 220C0E Background



This preview shows how black text looks on a background with the Hex color 220C0E.

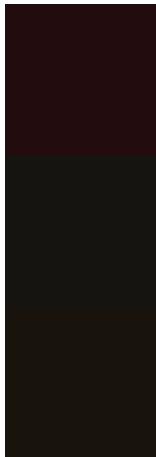


This preview shows how white text looks on a background with the Hex color 220C0E.

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

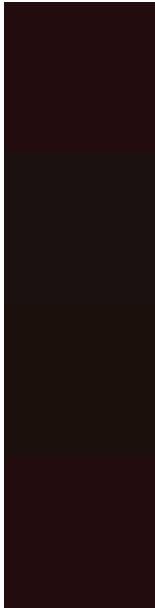


Original Color
220C0E

Protanopia
151411

Deuteranopia
18130D

Trichromacy



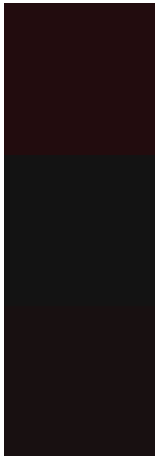
Original Color
220C0E

Protanomaly
1A1110

Deuteranomaly
1C100D

Tritanomaly
220C0D

Monochromacy



Original Color
220C0E

Achromatopsia
131313

Achromatomaly
181011

CSS Examples

Text

The CSS property to change the color of the text to Hex 220C0E 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 #220C0E looks like.

```
.text, #text, p{  
    color:#220C0E  
}
```

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 #220C0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220C0E
}
```

Border

The CSS property to change the border of an element to Hex 220C0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

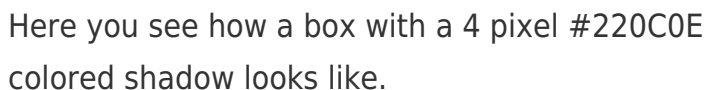
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220C0E }
```

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

```
.border{ border-color:#220C0E }
```

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



Here you see how a box with a 4 pixel #220C0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220C0E; -webkit-box-shadow:4px 4px  
4px 4px #220C0E; box-shadow:4px 4px 4px  
4px #220C0E }
```

Background

The CSS property to change the background color of an element to Hex 220C0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220C0E }
```

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

```
.background{ background-color:#220C0E }
```

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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