

Converting Colors

Hex(220B06)

Have a look what the booklet for
Hex(220B06) contains.

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Color

Hex(220B06)

Conversions

Conversions Part 1

Format	Color
Hex	220B06
RGB	34, 11, 6
RGB Percent	13%, 4%, 2%
CMY	0.8667, 0.9569, 0.9765
CMYK	0.00, 0.68, 0.82, 0.87
HSL	11°, 70%, 8%
HSV	11°, 82%, 13%
XYZ	0.8122, 0.5926, 0.2439
YIQ	17.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

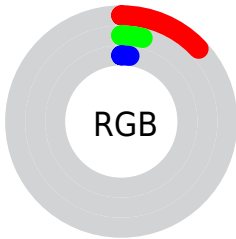
Format	Color
RYB	34, 12, 6
Decimal	2231046
CIELab	5.35, 10.20, 5.74
CIELCh	5, 11.705, 29.370
Yxy	0.5926, 0.4927, 0.3594
Android (android.graphics.Color)	4280421126 (0xFF220B06)
YUV	17.3070, -5.5744, 14.6398
Hunter-Lab	7.6979, 5.3629, 3.5102

Details

The Hex color **220B06** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **061D22**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **4E3634**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220803**, and if you desaturate by 10%, it is **220E09**.

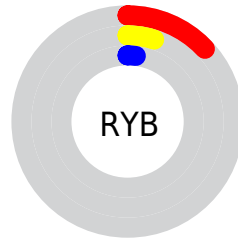
Distribution



Red (13%)

Green (4%)

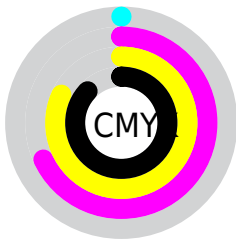
Blue (2%)



Red (13%)

Yellow (5%)

Blue (2%)

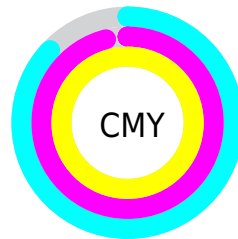


Cyan (0%)

Magenta (68%)

Yellow (82%)

Black (87%)



Cyan (87%)

Magenta (96%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220B06 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 220B06 by changing the saturation by 10% instead.

■ 220B06

■ 220B06

■ FFEBE7

■ 000000

■ 4E3634

■ 664D4A

■ 806562

■ 9A7E7B

■ B59895

■ D1B3AF

■ EDCECB

■ 220B06

■ 220B06

■ 220803

■ 220E09

■ 220600

■ 22110D

■ 221310

■ 221614

■ 221917

■ 221C1A

■ 221F1E

■ 222121

■ 222425

Harmonies

Analogous

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



210A12



220B06



1F0E00

Triad

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



220B06



001605



041321

Complementary

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



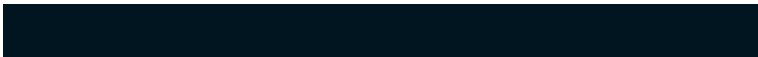
220B06



061D22

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.



00151F



220B06



001711

Square

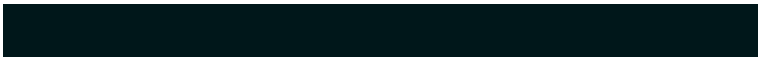
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220B06



0F1400



00171A



130F20

Rectangle

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



220B06



1B1000



00171A



001421

Sweetspot

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



220B06



2B2221



22061D



171110



969696



171717

Same Dimension

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



220B06



2B0800



221906



121010



520F00



D12500

Inverse Universe

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



061D22



00242B



060F22



101212



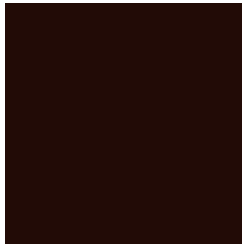
004352



00ACD1

Previews

White Background



This preview shows how the Hex color 220B06 looks on a white background.

Color Contrast Check

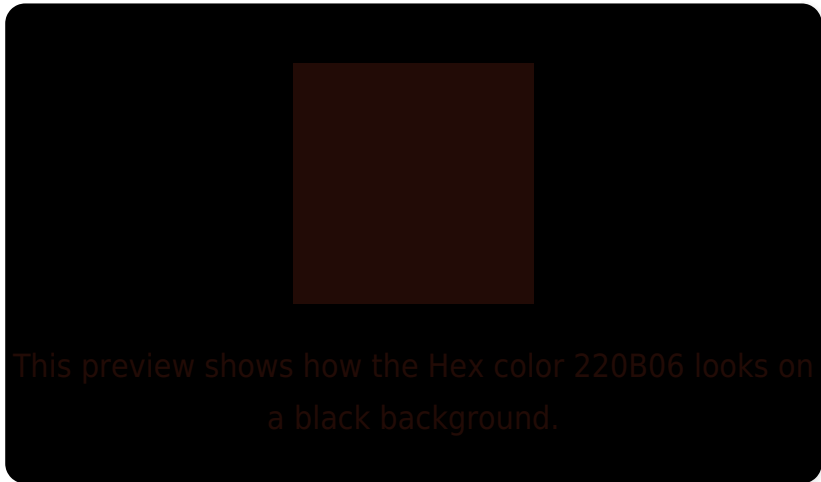
Large Text (above 18pt) WCAG AA ✓ Pass

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

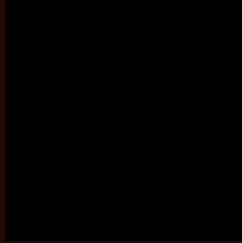
Any Text WCAG AA × Fail

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 220B06 Background



This preview shows how black text looks on a background with the Hex color 220B06.



This preview shows how white text looks on a background with the Hex color 220B06.

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](#).

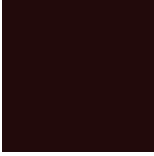
Dichromacy



Original Color
220B06

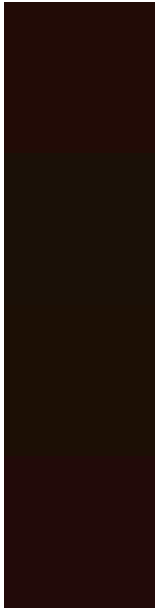
Protanopia
151308

Deuteranopia
181204



Tritanopia
220A0B

Trichromacy



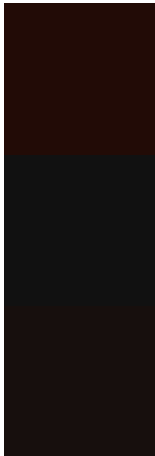
Original Color
220B06

Protanomaly
1A1007

Deuteranomaly
1C0F05

Tritanomaly
220A09

Monochromacy



Original Color
220B06

Achromatopsia
111111

Achromatomaly
170F0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 220B06 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 #220B06 looks like.

```
.text, #text, p{  
    color:#220B06  
}
```

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 #220B06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220B06
}
```

Border

The CSS property to change the border of an element to Hex 220B06 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".

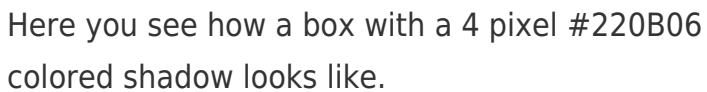
```
.border, #border, table{ border:4px solid
#220B06 }
```

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

```
.border{ border-color:#220B06 }
```

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

Here you see how a box with a 4 pixel #220B06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220B06; -webkit-box-shadow:4px 4px  
4px 4px #220B06; box-shadow:4px 4px 4px  
4px #220B06 }
```

Background

The CSS property to change the background color of an element to Hex 220B06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220B06 }
```

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

```
.background{ background-color:#220B06 }
```

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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