

Converting Colors

Hex(220804)

Have a look what the booklet for
Hex(220804) contains.

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Color

Hex(220804)

Conversions

Conversions Part 1

Format	Color
Hex	220804
RGB	34, 8, 4
RGB Percent	13%, 3%, 2%
CMY	0.8667, 0.9686, 0.9843
CMYK	0.00, 0.76, 0.88, 0.87
HSL	8°, 79%, 7%
HSV	8°, 88%, 13%
XYZ	0.7684, 0.5225, 0.1752
YIQ	15.3180, 16.7800, 4.2680

Conversions

Conversions Part 2

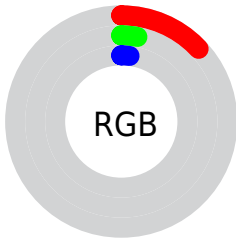
Format	Color
R _Y B	34, 9, 4
Decimal	2230276
CIE Lab	4.72, 11.13, 5.63
CIE LCh	5, 12.477, 26.829
Yxy	0.5225, 0.5241, 0.3564
Android (android.graphics.Color)	4280420356 (0xFF220804)
YUV	15.3180, -5.5798, 16.3841
Hunter-Lab	7.2285, 6.3258, 3.6228

Details

The Hex color **220804** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **041E22**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4E3433**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220501**, and if you desaturate by 10%, it is **220B07**.

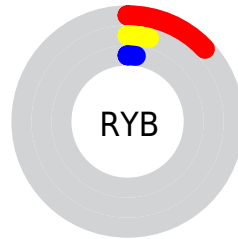
Distribution



Red (13%)

Green (3%)

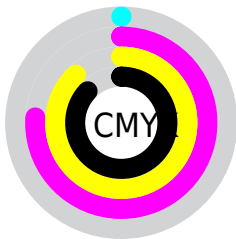
Blue (2%)



Red (13%)

Yellow (4%)

Blue (2%)

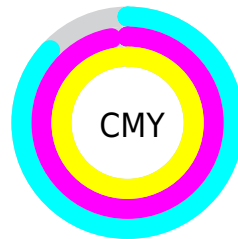


Cyan (0%)

Magenta (76%)

Yellow (88%)

Black (87%)



Cyan (87%)

Magenta (97%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220804 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 220804 by changing the saturation by 10% instead.

 220804

 220804

 FFE8E5

 000000

 4E3433

 664B49

 806361

 9A7C7A

 B59693

 D1B1AE

 EDCCC9

 220804

 220804

■ 220501

■ 220B07

■ 220500

■ 220E0B

■ 22110E

■ 221412

■ 221715

■ 221A18

■ 221D1C

■ 22201F

■ 222323

Harmonies

Analogous

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



210812



220804



1F0B00

Triad

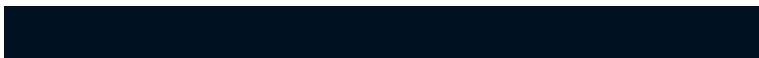
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220804



001500



001121

Complementary

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



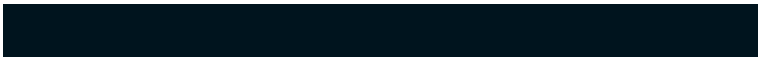
220804



041E22

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.



00141E



220804



00160E

Square

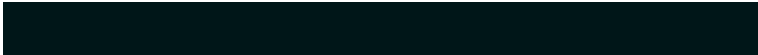
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220804



0C1300



001618



110E20

Rectangle

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



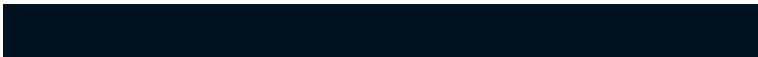
220804



1A0E00



001618



001321

Sweetspot

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



220804



2B2220



22041E



171110



969696



171717

Same Dimension

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



220804



2B0600



221704



121010



520B00



D11C00

Inverse Universe

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



041E22



00262B



040F22



101212



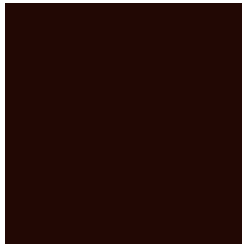
004752



00B5D1

Previews

White Background



This preview shows how the Hex color 220804 looks on a white background.

Color Contrast Check

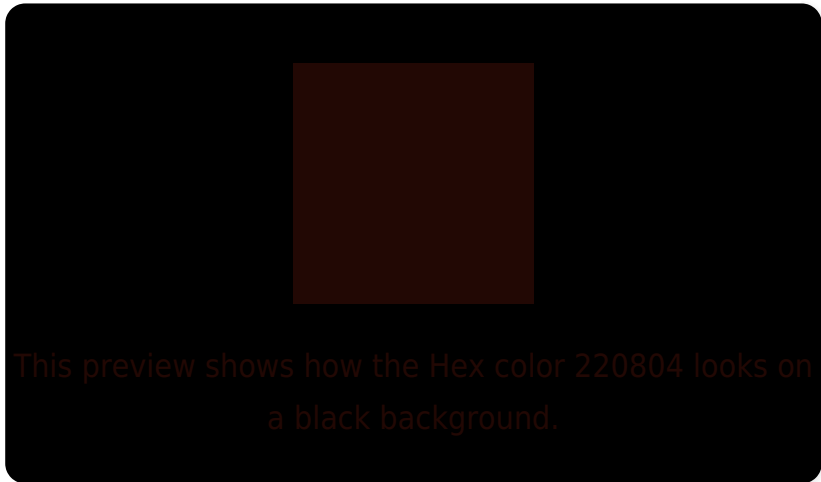
Large Text (above 18pt) WCAG AA ✓ Pass

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

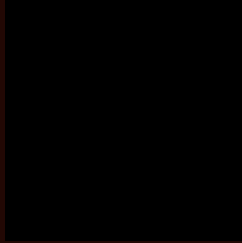
Any Text WCAG AA × Fail

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 220804 Background



This preview shows how black text looks on a background with the Hex color 220804.



This preview shows how white text looks on a background with the Hex color 220804.

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

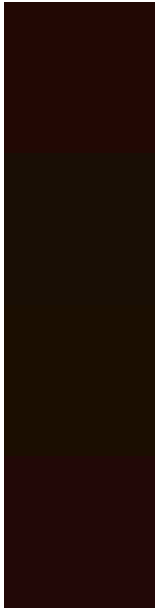


Original Color
220804

Protanopia
141206

Deuteranopia
171100

Trichromacy



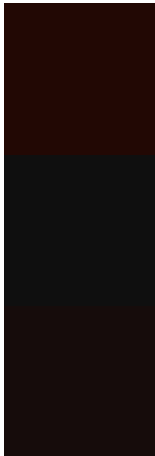
Original Color
220804

Protanomaly
190E05

Deuteranomaly
1B0E01

Tritanomaly
220807

Monochromacy



Original Color
220804

Achromatopsia
0F0F0F

Achromatomaly
160C0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 220804 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 #220804 looks like.

```
.text, #text, p{  
    color:#220804  
}
```

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 #220804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220804
}
```

Border

The CSS property to change the border of an element to Hex 220804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

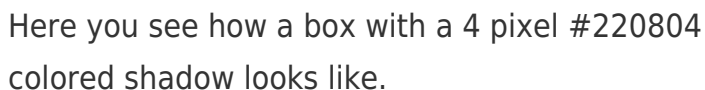
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220804 }
```

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

```
.border{ border-color:#220804 }
```

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



Here you see how a box with a 4 pixel #220804 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220804; -webkit-box-shadow:4px 4px  
4px 4px #220804; box-shadow:4px 4px 4px  
4px #220804 }
```

Background

The CSS property to change the background color of an element to Hex 220804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220804 }
```

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

```
.background{ background-color:#220804 }
```

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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