

Converting Colors

Hex(221708)

Have a look what the booklet for
Hex(221708) contains.

Hex(221708)	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(221708)

Conversions

Conversions Part 1

Format	Color
Hex	221708
RGB	34, 23, 8
RGB Percent	13%, 9%, 3%
CMY	0.8667, 0.9098, 0.9686
CMYK	0.00, 0.32, 0.76, 0.87
HSL	35°, 62%, 8%
HSV	35°, 76%, 13%
XYZ	1.0099, 0.9704, 0.3638
YIQ	24.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

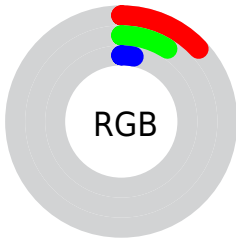
Format	Color
RYB	27, 34, 8
Decimal	2234120
CIELab	8.74, 3.27, 9.87
CIELCh	9, 10.398, 71.649
Yxy	0.9704, 0.4308, 0.4140
Android (android.graphics.Color)	4280424200 (0xFF221708)
YUV	24.5790, -8.1734, 8.2622
Hunter-Lab	9.8509, 1.0607, 4.7060

Details

The Hex color **221708** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **081322**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4E4235**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **221605**, and if you desaturate by 10%, it is **22180B**.

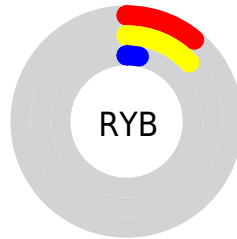
Distribution



 Red (13%)

 Green (9%)

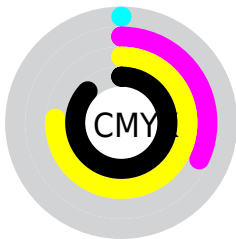
 Blue (3%)



 Red (11%)

 Yellow (13%)

 Blue (3%)

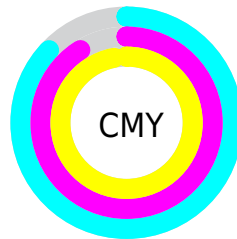


 Cyan (0%)

 Magenta (32%)

 Yellow (76%)

 Black (87%)



 Cyan (87%)

 Magenta (91%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221708 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 221708 by changing the saturation by 10% instead.

■ 221708

■ 221708

■ FFF9E8

■ 000000

■ 4E4235

■ 67594B

■ 807163

■ 9A8B7C

■ B5A596

■ D1C0B1

■ EDDCCC

■ 221708

■ 221708

■ 221605

■ 22180B

■ 221401

■ 221A0F

■ 221400

■ 221B12

■ 221D16

■ 221E19

■ 22201C

■ 222120

■ 222323

■ 222427

Harmonies

Analogous

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



26150F



221708



1C1907

Triad

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



221708



021D1C



1D1623

Complementary

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



221708



081322

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.



141926



221708



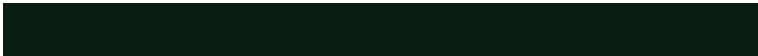
021C22

Square

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



221708



0A1D14



081B26



24141E

Rectangle

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



221708



171B0A



081B26



1A1725

Sweetspot

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



221708



2B2721



220813



171411



969696



171717

Same Dimension

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



221708



2B1A03



202208



121110



522F00



D17900

Inverse Universe

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



081322



03142B



0A0822



101112



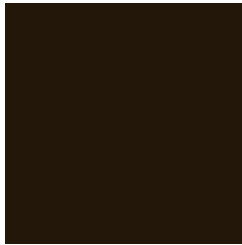
002352



0058D1

Previews

White Background



This preview shows how the Hex color 221708 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

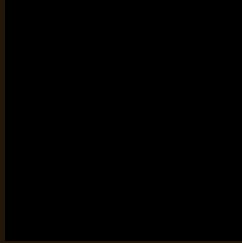
Any Text WCAG AA × Fail

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 221708 Background



This preview shows how black text looks on a background with the Hex color 221708.

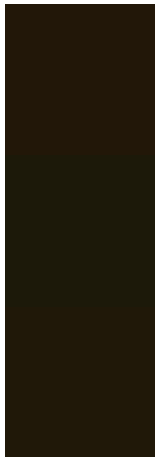


This preview shows how white text looks on a background with the Hex color 221708.

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
221708

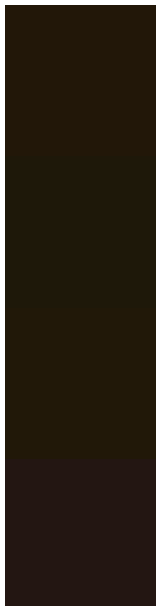
Protanopia
1C1909

Deuteranopia
201808



Tritanopia
231617

Trichromacy



Original Color

221708

Protanomaly

1E1809

Deuteranomaly

211808

Tritanomaly

231612

Monochromacy



Original Color

221708

Achromatopsia

191919

Achromatomaly

1C1813

CSS Examples

Text

The CSS property to change the color of the text to Hex 221708 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 #221708 looks like.

```
.text, #text, p{  
    color:#221708  
}
```

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 #221708 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221708
}
```

Border

The CSS property to change the border of an element to Hex 221708 is called "border". The border property can be set on classes, ids or directly on the HTML element.

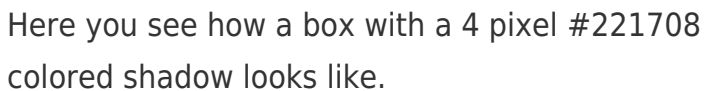
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221708 }
```

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

```
.border{ border-color:#221708 }
```

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



Here you see how a box with a 4 pixel #221708 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221708; -webkit-box-shadow:4px 4px  
4px 4px #221708; box-shadow:4px 4px 4px  
4px #221708 }
```

Background

The CSS property to change the background color of an element to Hex 221708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221708 }
```

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

```
.background{ background-color:#221708 }
```

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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