

Converting Colors

Hex(22210C)

Have a look what the booklet for
Hex(22210C) contains.

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Color

Hex(22210C)

Conversions

Conversions Part 1

Format	Color
Hex	22210C
RGB	34, 33, 12
RGB Percent	13%, 13%, 5%
CMY	0.8667, 0.8706, 0.9529
CMYK	0.00, 0.03, 0.65, 0.87
HSL	57°, 48%, 9%
HSV	57°, 65%, 13%
XYZ	1.2699, 1.4543, 0.5616
YIQ	30.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

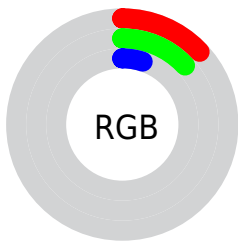
Format	Color
RYB	13, 34, 12
Decimal	2236684
CIELab	12.31, -3.40, 13.20
CIELCh	12, 13.631, 104.453
Yxy	1.4543, 0.3865, 0.4426
Android (android.graphics.Color)	4280426764 (0xFF22210C)
YUV	30.9050, -9.3202, 2.7143
Hunter-Lab	12.0596, -2.3078, 5.6806

Details

The Hex color **22210C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0C0D22**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **4F4D37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **222109**, and if you desaturate by 10%, it is **22210F**.

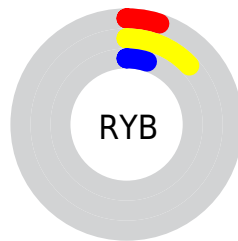
Distribution



Red (13%)

Green (13%)

Blue (5%)



Red (5%)

Yellow (13%)

Blue (5%)

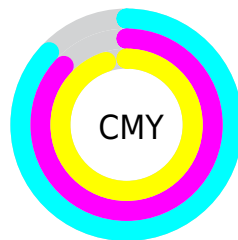


Cyan (0%)

Magenta (3%)

Yellow (65%)

Black (87%)



Cyan (87%)

Magenta (87%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22210C 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 22210C by changing the saturation by 10% instead.

■ 22210C

■ 22210C

■ FFFFEC

■ 040B00

■ 4F4D37

■ 000000

■ 67654E

■ 807E66

■ 9A987F

■ B5B299

■ D1CEB4

■ EDEAD0

■ 22210C

■ 22210C

■ 222109

■ 22210F

■ 222105

■ 222113

■ 222102

■ 222116

■ 222000

■ 22221A

■ 22221D

■ 222220

■ 222224

■ 222227

■ 22222B

Harmonies

Analogous

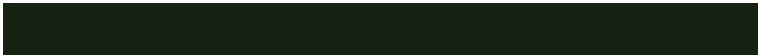
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2B1E0D



22210C



172312

Triad

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



22210C



00242D



2F1925

Complementary

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



22210C



0C0D22

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.



271C2E



22210C



082232

Square

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



22210C



002524



1A2032



32191C

Rectangle

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



22210C



0F2418



1A2032



2D1A28

Sweetspot

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



22210C



2B2B23



220C0D



171712



969696



171717

Same Dimension

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



22210C



2B2A0A



18220C



121210



524E00



D1C800

Inverse Universe

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



0C0D22



0A0B2B



160C22



101012



000452



000AD1

Previews

White Background



This preview shows how the Hex color 22210C looks on a white background.

Color Contrast Check

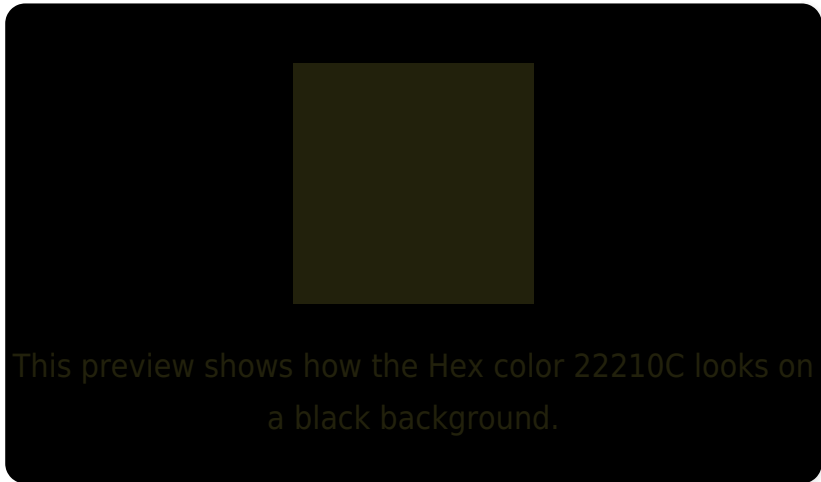
Large Text (above 18pt) WCAG AA ✓ Pass

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

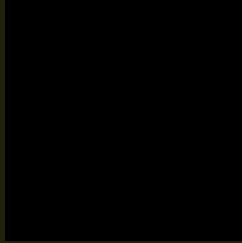
Any Text WCAG AA × Fail

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 22210C Background



This preview shows how black text looks on a background with the Hex color 22210C.

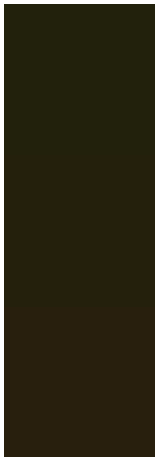


This preview shows how white text looks on a background with the Hex color 22210C.

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
22210C

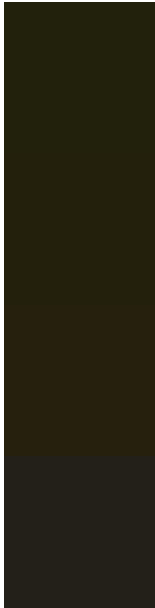
Protanopia
24200C

Deuteranopia
281F0D



Tritanopia
241F21

Trichromacy



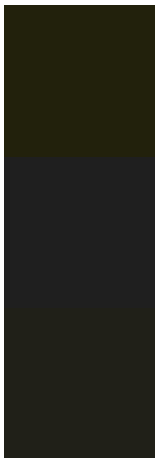
Original Color
22210C

Protanomaly
23200C

Deuteranomaly
26200D

Tritanomaly
232019

Monochromacy



Original Color
22210C

Achromatopsia
1F1F1F

Achromatomaly
202018

CSS Examples

Text

The CSS property to change the color of the text to Hex 22210C 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 #22210C looks like.

```
.text, #text, p{  
    color:#22210C  
}
```

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 #22210C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22210C
}
```

Border

The CSS property to change the border of an element to Hex 22210C is called "border". The border property can be set on classes, ids or directly on the HTML element.

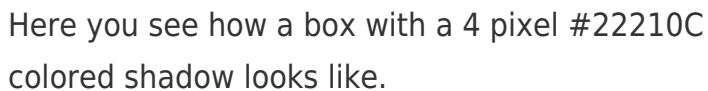
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22210C }
```

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

```
.border{ border-color:#22210C }
```

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



Here you see how a box with a 4 pixel #22210C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22210C; -webkit-box-shadow:4px 4px  
4px 4px #22210C; box-shadow:4px 4px 4px  
4px #22210C }
```

Background

The CSS property to change the background color of an element to Hex 22210C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22210C }
```

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

```
.background{ background-color:#22210C }
```

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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