

Converting Colors

Hex(22180D)

Have a look what the booklet for
Hex(22180D) contains.

Hex(22180D)	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(22180D)

Conversions

Conversions Part 1

Format	Color
Hex	22180D
RGB	34, 24, 13
RGB Percent	13%, 9%, 5%
CMY	0.8667, 0.9059, 0.9490
CMYK	0.00, 0.29, 0.62, 0.87
HSL	31°, 45%, 9%
HSV	31°, 62%, 13%
XYZ	1.0590, 1.0224, 0.5223
YIQ	25.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

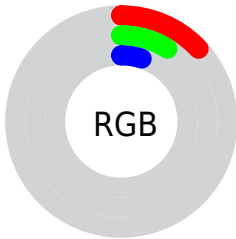
Format	Color
RYB	32, 34, 13
Decimal	2234381
CIELab	9.18, 3.15, 8.35
CIELCh	9, 8.927, 69.314
Yxy	1.0224, 0.4067, 0.3927
Android (android.graphics.Color)	4280424461 (0xFF22180D)
YUV	25.7360, -6.2788, 7.2475
Hunter-Lab	10.1114, 0.9993, 4.0154

Details

The Hex color **22180D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0D1722**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **4F4338**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **22160A**, and if you desaturate by 10%, it is **221A10**.

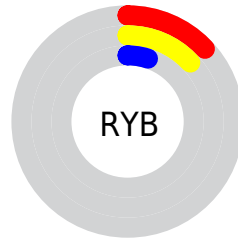
Distribution



Red (13%)

Green (9%)

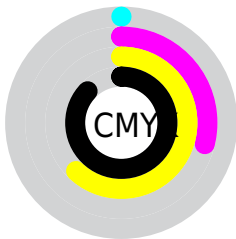
Blue (5%)



Red (13%)

Yellow (13%)

Blue (5%)

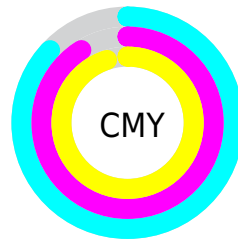


Cyan (0%)

Magenta (29%)

Yellow (62%)

Black (87%)



Cyan (87%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22180D 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 22180D by changing the saturation by 10% instead.

■ 22180D

■ 22180D

■ FFFAED

■ 000000

■ 4F4338

■ 675A4F

■ 807367

■ 9A8C80

■ B5A69A

■ D1C2B5

■ EDDDD0

■ 22180D

■ 22180D

■ 22160A

■ 221A10

■ 221506

■ 221B14

■ 221303

■ 221D17

■ 221200

■ 221E1B

■ 22201E

■ 222221

■ 222325

■ 222528

■ 22272C

Harmonies

Analogous

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



251612



22180D



1D1A0C

Triad

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



22180D



081D1C



1D1823

Complementary

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



22180D



0D1722

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.



151A26



22180D



071D21

Square

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



22180D



0E1D15



0C1C25



23161E

Rectangle

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



22180D



181B0E



0C1C25



1A1824

Sweetspot

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



22180D



2B2723



220D17



171412



969696



171717

Same Dimension

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



22180D



2B1C0B



22220D



121110



522B00



D16E00

Inverse Universe

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



0D1722



0B1B2B



0D0D22



101112



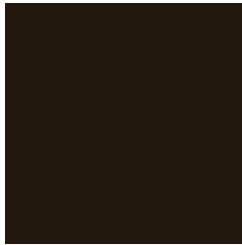
002752



0064D1

Previews

White Background



This preview shows how the Hex color 22180D looks on a white background.

Color Contrast Check

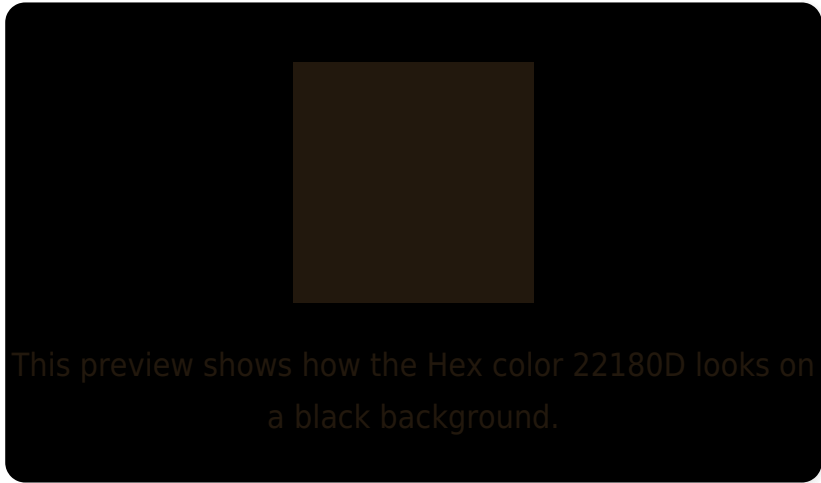
Large Text (above 18pt) WCAG AA ✓ Pass

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

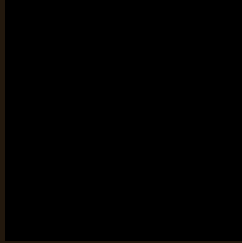
Any Text WCAG AA × Fail

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 22180D Background



This preview shows how black text looks on a background with the Hex color 22180D.

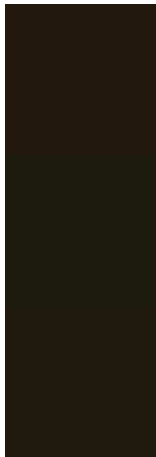


This preview shows how white text looks on a background with the Hex color 22180D.

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
22180D

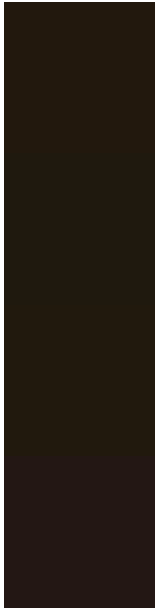
Protanopia
1D1A0E

Deuteranopia
20190D



Tritanopia
231718

Trichromacy



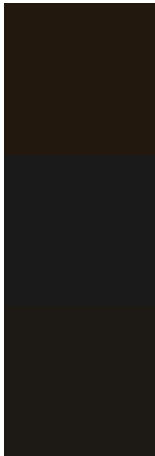
Original Color
22180D

Protanomaly
1F190E

Deuteranomaly
21190D

Tritanomaly
231714

Monochromacy



Original Color
22180D

Achromatopsia
1A1A1A

Achromatomaly
1D1915

CSS Examples

Text

The CSS property to change the color of the text to Hex 22180D 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 #22180D looks like.

```
.text, #text, p{  
    color:#22180D  
}
```

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 #22180D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22180D
}
```

Border

The CSS property to change the border of an element to Hex 22180D is called "border". The border property can be set on classes, ids or directly on the HTML element.

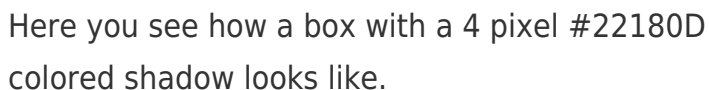
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22180D }
```

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

```
.border{ border-color:#22180D }
```

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



Here you see how a box with a 4 pixel #22180D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22180D; -webkit-box-shadow:4px 4px  
4px 4px #22180D; box-shadow:4px 4px 4px  
4px #22180D }
```

Background

The CSS property to change the background color of an element to Hex 22180D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22180D }
```

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

```
.background{ background-color:#22180D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor