

Converting Colors

Hex(22100D)

Have a look what the booklet for
Hex(22100D) contains.

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Color

Hex(22100D)

Conversions

Conversions Part 1

Format	Color
Hex	22100D
RGB	34, 16, 13
RGB Percent	13%, 6%, 5%
CMY	0.8667, 0.9373, 0.9490
CMYK	0.00, 0.53, 0.62, 0.87
HSL	9°, 45%, 9%
HSV	9°, 62%, 13%
XYZ	0.9176, 0.7397, 0.4752
YIQ	21.0400, 11.6910, 2.8830

Conversions

Conversions Part 2

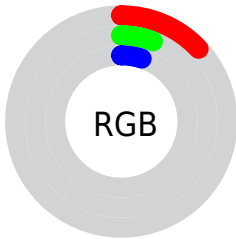
Format	Color
RYB	34, 17, 13
Decimal	2232333
CIELab	6.68, 8.70, 4.72
CIELCh	7, 9.899, 28.500
Yxy	0.7397, 0.4303, 0.3469
Android (android.graphics.Color)	4280422413 (0xFF22100D)
YUV	21.0400, -3.9637, 11.3659
Hunter-Lab	8.6007, 3.9932, 2.7447

Details

The Hex color **22100D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0D1F22**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **4F3A38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220D0A**, and if you desaturate by 10%, it is **221310**.

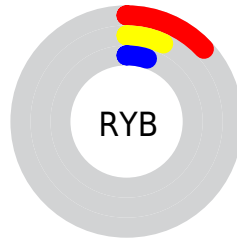
Distribution



Red (13%)

Green (6%)

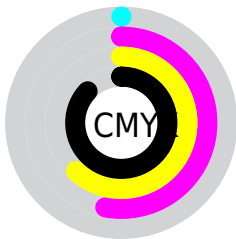
Blue (5%)



Red (13%)

Yellow (7%)

Blue (5%)

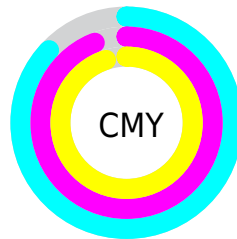


Cyan (0%)

Magenta (53%)

Yellow (62%)

Black (87%)



Cyan (87%)

Magenta (94%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22100D 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 22100D by changing the saturation by 10% instead.

 22100D

 22100D

 FFF0ED

 000000

 4F3A38

 67514F

 806967

 9A8380

 B59D9A

 D1B8B5

 EED3D0

 22100D

 22100D

■ 220D0A

■ 221310

■ 220A06

■ 221614

■ 220703

■ 221917

■ 220500

■ 221C1B

■ 221F1E

■ 222121

■ 222425

■ 222728

■ 222A2C

Harmonies

Analogous

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



211015



22100D



201204

Triad

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



22100D



08180B



0B1622

Complementary

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



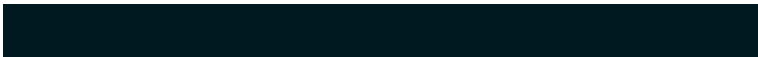
22100D



0D1F22

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.



001820



22100D



001914

Square

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



22100D



131603



00191B



151320

Rectangle

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



22100D



1D1301



00191B



061621

Sweetspot

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



22100D



2B2423



220D1F



171212



969696



171717

Same Dimension

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



22100D



2B100B



221A0D



121010



520C00



D11E00

Inverse Universe

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



0D1F22



0B272B



0D1522



101212



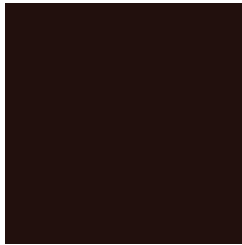
004652



00B3D1

Previews

White Background



This preview shows how the Hex color 22100D 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

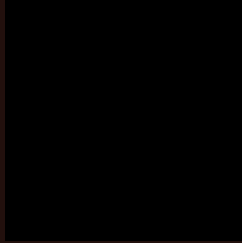
Any Text WCAG AA × Fail

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 22100D Background



This preview shows how black text looks on a background with the Hex color 22100D.



This preview shows how white text looks on a background with the Hex color 22100D.

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
22100D

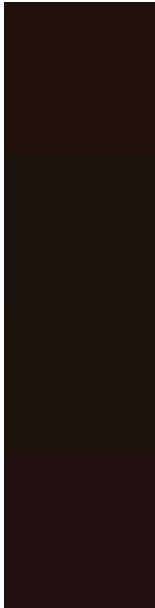
Protanopia
17150F

Deuteranopia
1A150C



Tritanopia
221011

Trichromacy



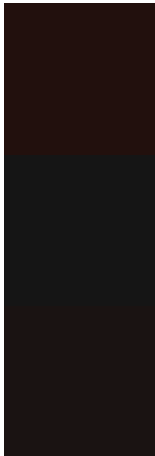
Original Color
22100D

Protanomaly
1B130E

Deuteranomaly
1D130C

Tritanomaly
221010

Monochromacy



Original Color
22100D

Achromatopsia
151515

Achromatomaly
1A1312

CSS Examples

Text

The CSS property to change the color of the text to Hex 22100D 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 #22100D looks like.

```
.text, #text, p{  
    color:#22100D  
}
```

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 #22100D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22100D
}
```

Border

The CSS property to change the border of an element to Hex 22100D 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
#22100D }
```

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

```
.border{ border-color:#22100D }
```

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

Here you see how a box with a 4 pixel #22100D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22100D; -webkit-box-shadow:4px 4px  
4px 4px #22100D; box-shadow:4px 4px 4px  
4px #22100D }
```

Background

The CSS property to change the background color of an element to Hex 22100D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22100D }
```

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

```
.background{ background-color:#22100D }
```

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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