

Converting Colors

Hex(22211A)

Have a look what the booklet for
Hex(22211A) contains.

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Color

Hex(22211A)

Conversions

Conversions Part 1

Format	Color
Hex	22211A
RGB	34, 33, 26
RGB Percent	13%, 13%, 10%
CMY	0.8667, 0.8706, 0.8980
CMYK	0.00, 0.03, 0.24, 0.87
HSL	53°, 13%, 12%
HSV	53°, 24%, 13%
XYZ	1.3900, 1.5024, 1.1940
YIQ	32.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

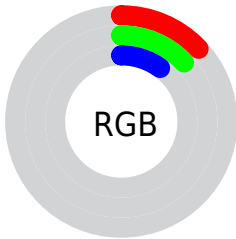
Format	Color
RYB	27, 34, 26
Decimal	2236698
CIELab	12.62, -1.10, 4.92
CIElCh	13, 5.039, 102.647
Yxy	1.5024, 0.3402, 0.3677
Android (android.graphics.Color)	4280426778 (0xFF22211A)
YUV	32.5010, -3.2050, 1.3146
Hunter-Lab	12.2571, -1.2076, 2.8044

Details

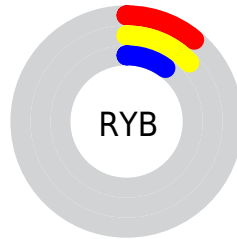
The Hex color **22211A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A1B22**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **4E4D45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **222117**, and if you desaturate by 10%, it is **22211D**.

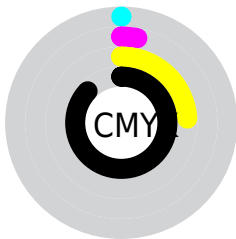
Distribution



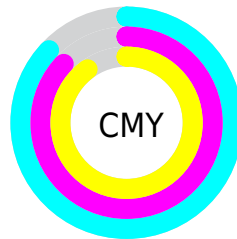
- Red (13%)
- Green (13%)
- Blue (10%)



- Red (11%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (87%)



- Cyan (87%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22211A 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 22211A by changing the saturation by 10% instead.



22211A



22211A

FFFFFFD



0C0A00



4E4D45



000000



66655D



7F7E75



99988F



B4B2A9



D0CEC4



ECEAE0



22211A



22211A

■ 222117

■ 22211D

■ 222013

■ 222221

■ 222010

■ 222224

■ 221F0C

■ 222328

■ 221F09

■ 22232B

■ 221E06

■ 22242E

■ 221E02

■ 222432

■ 221E00

■ 222435

■ 222539

Harmonies

Analogous

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



25201A



22211A



1E221C

Triad

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



22211A



182225



271F23

Complementary

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



22211A



1A1B22

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.



231F26



22211A



1B2227

Square

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



22211A



182322



1F2127



281E1F

Rectangle

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



22211A



1B221D



1F2127



261F24

Sweetspot

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



22211A



2B2B28



221A1B



171715



969696



171717

Same Dimension

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



22211A



2B2A1F



1F221A



121210



524700



D1B700

Inverse Universe

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



1A1B22



1F212B



1D1A22



101012



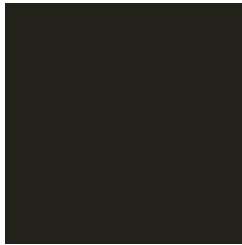
000A52



001AD1

Previews

White Background



This preview shows how the Hex color 22211A looks on a white background.

Color Contrast Check

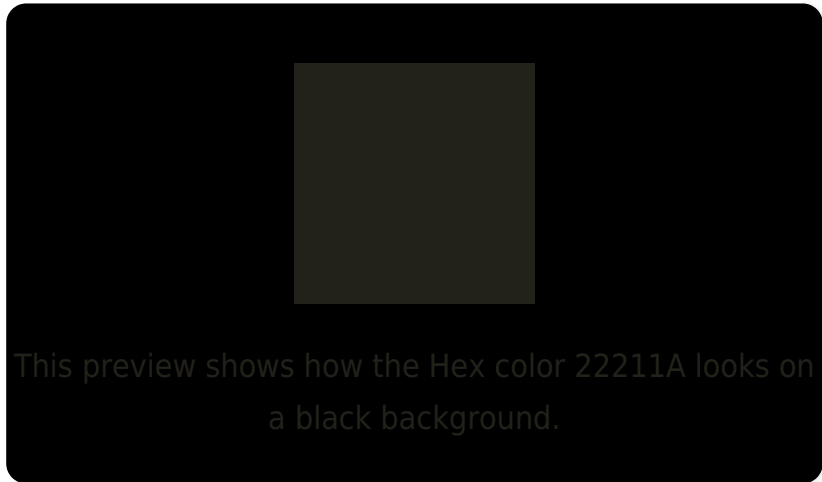
Large Text (above 18pt) WCAG AA ✓ Pass

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

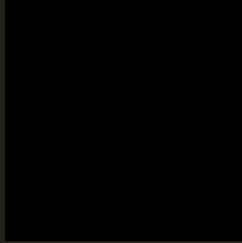
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

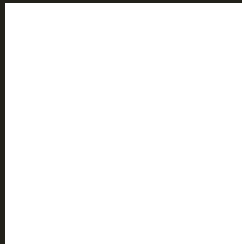
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 22211A Background



This preview shows how black text looks on a background with the Hex color 22211A.



This preview shows how white text looks on a background with the Hex color 22211A.

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

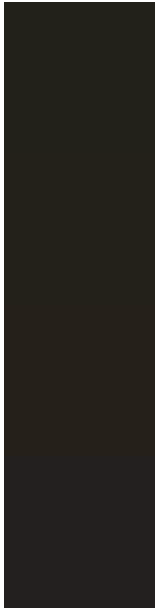


Original Color
22211A

Protanopia
23211A

Deuteranopia
261F1A

Trichromacy



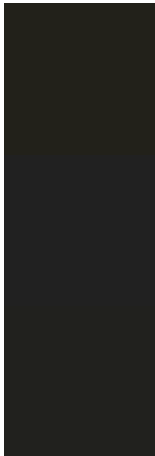
Original Color
22211A

Protanomaly
23211A

Deuteranomaly
25201A

Tritanomaly
23201F

Monochromacy



Original Color
22211A

Achromatopsia
212121

Achromatomaly
21211E

CSS Examples

Text

The CSS property to change the color of the text to Hex 22211A 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 #22211A looks like.

```
.text, #text, p{  
    color:#22211A  
}
```

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 #22211A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22211A
}
```

Border

The CSS property to change the border of an element to Hex 22211A is called "border". The border property can be set on classes, ids or directly on the HTML element.

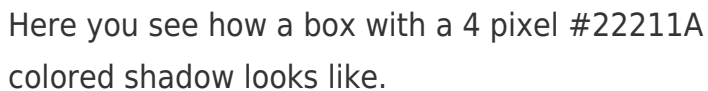
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22211A }
```

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

```
.border{ border-color:#22211A }
```

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



Here you see how a box with a 4 pixel #22211A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22211A; -webkit-box-shadow:4px 4px  
4px 4px #22211A; box-shadow:4px 4px 4px  
4px #22211A }
```

Background

The CSS property to change the background color of an element to Hex 22211A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22211A }
```

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

```
.background{ background-color:#22211A }
```

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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