

Converting Colors

Hex(222008)

Have a look what the booklet for
Hex(222008) contains.

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Color

Hex(222008)

Conversions

Conversions Part 1

Format	Color
Hex	222008
RGB	34, 32, 8
RGB Percent	13%, 13%, 3%
CMY	0.8667, 0.8745, 0.9686
CMYK	0.00, 0.06, 0.76, 0.87
HSL	55°, 62%, 8%
HSV	55°, 76%, 13%
XYZ	1.2200, 1.3906, 0.4338
YIQ	29.8620, 8.8960, -7.0400

Conversions

Conversions Part 2

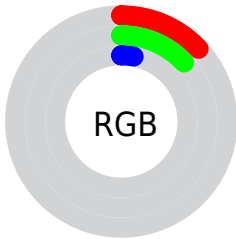
Format	Color
RYB	10, 34, 8
Decimal	2236424
CIELab	11.90, -3.17, 14.30
CIELCh	12, 14.650, 102.486
Yxy	1.3906, 0.4007, 0.4568
Android (android.graphics.Color)	4280426504 (0xFF222008)
YUV	29.8620, -10.7780, 3.6290
Hunter-Lab	11.7925, -2.1697, 6.0735

Details

The Hex color **222008** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **080A22**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4E4C35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **222005**, and if you desaturate by 10%, it is **22200B**.

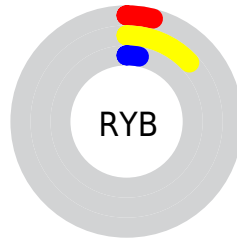
Distribution



Red (13%)

Green (13%)

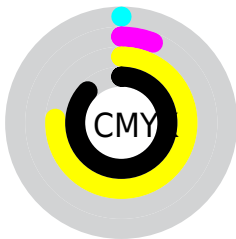
Blue (3%)



Red (4%)

Yellow (13%)

Blue (3%)

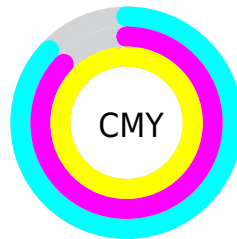


Cyan (0%)

Magenta (6%)

Yellow (76%)

Black (87%)



Cyan (87%)

Magenta (87%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222008 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 222008 by changing the saturation by 10% instead.

■ 222008

■ 222008

■ FFFFE9

■ 020900

■ 4E4C35

■ 000000

■ 67644B

■ 807D63

■ 9A967C

■ B5B196

■ D1CCB1

■ EDE9CC

■ 222008

■ 222008

■ 222005

■ 22200B

■ 221F01

■ 22210F

■ 221F00

■ 222112

■ 222116

■ 222119

■ 22221C

■ 222220

■ 222223

■ 222227

Harmonies

Analogous

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



2B1D09



222008



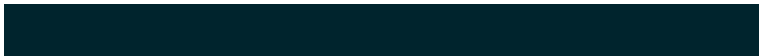
17230F

Triad

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



222008



00242D



2F1826

Complementary

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



222008



080A22

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.



261B2E



222008



022232

Square

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



222008



002523



171F33



32171B

Rectangle

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



222008



0E2416



171F33



2C1929

Sweetspot

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



222008



2B2B21



22080A



171611



969696



171717

Same Dimension

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



222008



2B2803



172208



121210



524B00



D1C100

Inverse Universe

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



080A22



03072B



130822



101012



000652



0010D1

Previews

White Background



This preview shows how the Hex color 222008 looks on a white background.

Color Contrast Check

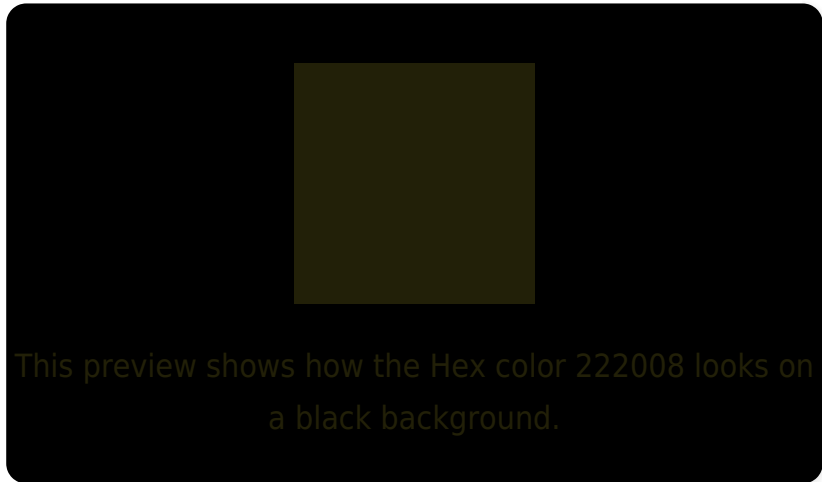
Large Text (above 18pt) WCAG AA ✓ Pass

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

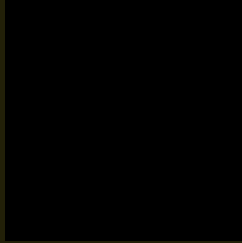
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

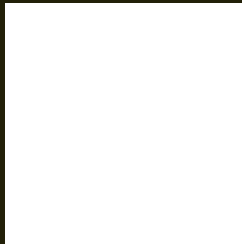
Any Text WCAG AAA × Fail

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

Hex 222008 Background



This preview shows how black text looks on a background with the Hex color 222008.

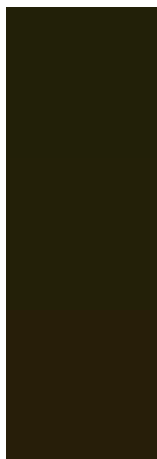


This preview shows how white text looks on a background with the Hex color 222008.

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
222008

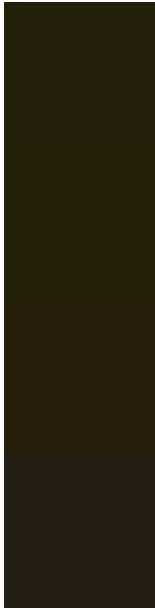
Protanopia
232008

Deuteranopia
271E09



Tritanopia
241E20

Trichromacy



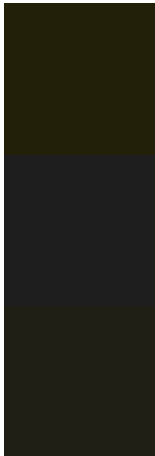
Original Color
222008

Protanomaly
232008

Deuteranomaly
251F09

Tritanomaly
231F17

Monochromacy



Original Color
222008

Achromatopsia
1E1E1E

Achromatomaly
1F1F16

CSS Examples

Text

The CSS property to change the color of the text to Hex 222008 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 #222008 looks like.

```
.text, #text, p{  
    color:#222008  
}
```

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 #222008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222008
}
```

Border

The CSS property to change the border of an element to Hex 222008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

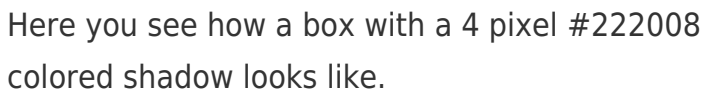
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222008 }
```

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

```
.border{ border-color:#222008 }
```

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



Here you see how a box with a 4 pixel #222008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222008; -webkit-box-shadow:4px 4px  
4px 4px #222008; box-shadow:4px 4px 4px  
4px #222008 }
```

Background

The CSS property to change the background color of an element to Hex 222008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222008 }
```

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

```
.background{ background-color:#222008 }
```

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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