

Converting Colors

Hex(222909)

Have a look what the booklet for
Hex(222909) contains.

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Color

Hex(222909)

Conversions

Conversions Part 1

Format	Color
Hex	222909
RGB	34, 41, 9
RGB Percent	13%, 16%, 4%
CMY	0.8667, 0.8392, 0.9647
CMYK	0.17, 0.00, 0.78, 0.84
HSL	73°, 64%, 10%
HSV	73°, 78%, 16%
XYZ	1.5019, 1.9457, 0.5548
YIQ	35.2590, 6.1000, -11.4360

Conversions

Conversions Part 2

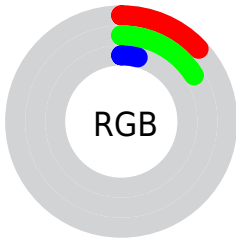
Format	Color
R_YB	9, 41, 16
Decimal	2238729
CIE Lab	15.20, -9.01, 18.27
CIE LCh	15, 20.371, 116.252
Yxy	1.9457, 0.3753, 0.4861
Android (android.graphics.Color)	4280428809 (0xFF222909)
YUV	35.2590, -12.9457, -1.1041
Hunter-Lab	13.9488, -5.1904, 7.4058

Details

The Hex color **222909** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **100929**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4F5635**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212905**, and if you desaturate by 10%, it is **23290D**.

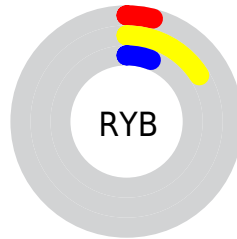
Distribution



Red (13%)

Green (16%)

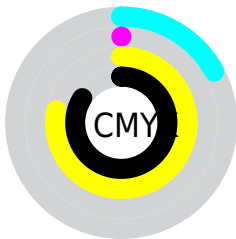
Blue (4%)



Red (4%)

Yellow (16%)

Blue (6%)

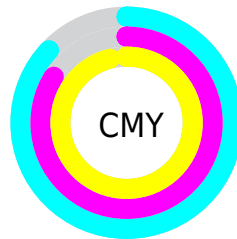


Cyan (17%)

Magenta (0%)

Yellow (78%)

Black (84%)



Cyan (87%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222909 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 222909 by changing the saturation by 10% instead.

 222909

 222909

 FFFFEA

 061500

 4F5635

 000000

 676E4C

 818864

 9BA27D

 B6BD97

 D2D9B2

 EEF5CE

 222909

 222909

■ 212905

■ 23290D

■ 202901

■ 242911

■ 202900

■ 252915

■ 262919

■ 26291D

■ 272922

■ 282926

■ 29292A

■ 2A292E

Harmonies

Analogous

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



302505



222909



0F2C15

Triad

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



222909



002C3E



3F1A29

Complementary

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



222909



100929

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.



361D36



222909



022843

Square

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



222909



002D32



242340



401B1A

Rectangle

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



222909



002D1F



242340



3D1A2D

Sweetspot

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



222909



333629



291009



1A1C14



9C9C9C



1C1C1C

Same Dimension

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



222909



2B3603



122909



141412



425400



A5D400

Inverse Universe

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



100929



0E0336



200929



131214



120054



2E00D4

Previews

White Background



This preview shows how the Hex color 222909 looks on a white background.

Color Contrast Check

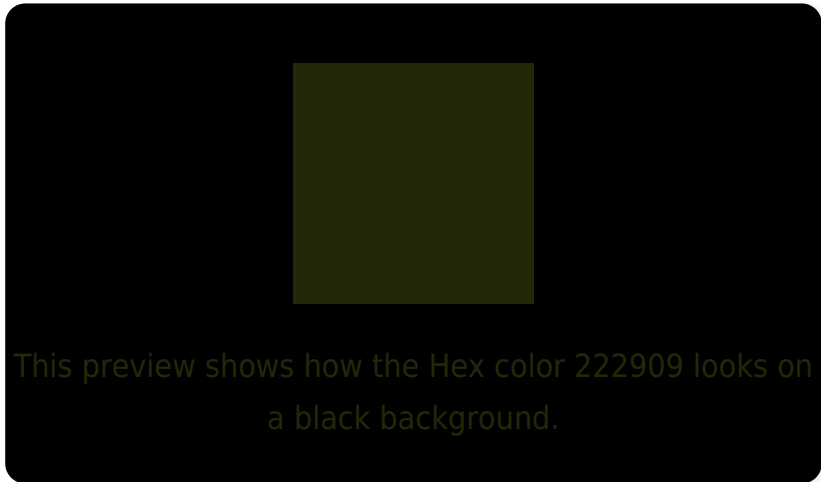
Large Text (above 18pt) WCAG AA ✓ Pass

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

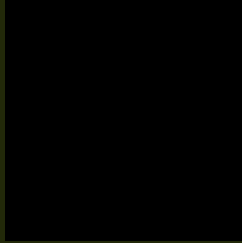
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

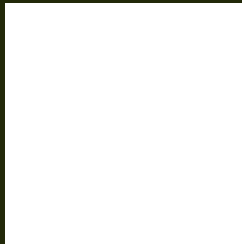
Any Text WCAG AAA × Fail

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

Hex 222909 Background



This preview shows how black text looks on a background with the Hex color 222909.

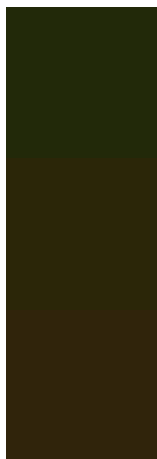


This preview shows how white text looks on a background with the Hex color 222909.

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
222909

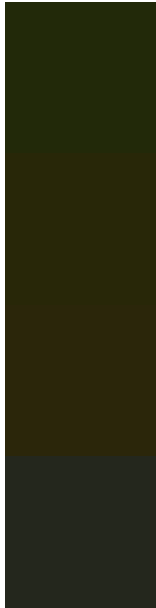
Protanopia
2B2608

Deuteranopia
30240B



Tritanopia
252629

Trichromacy



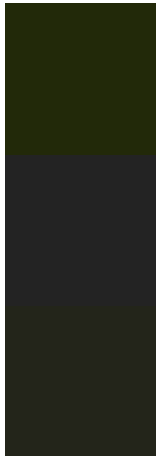
Original Color
222909

Protanomaly
282708

Deuteranomaly
2B260A

Tritanomaly
24271D

Monochromacy



Original Color
222909

Achromatopsia
232323

Achromatomaly
23251A

CSS Examples

Text

The CSS property to change the color of the text to Hex 222909 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 #222909 looks like.

```
.text, #text, p{  
    color:#222909  
}
```

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 #222909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222909
}
```

Border

The CSS property to change the border of an element to Hex 222909 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
#222909 }
```

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

```
.border{ border-color:#222909 }
```

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

Here you see how a box with a 4 pixel #222909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222909; -webkit-box-shadow:4px 4px  
4px 4px #222909; box-shadow:4px 4px 4px  
4px #222909 }
```

Background

The CSS property to change the background color of an element to Hex 222909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222909 }
```

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

```
.background{ background-color:#222909 }
```

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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