

Converting Colors

Hex(222904)

Have a look what the booklet for
Hex(222904) contains.

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Color

Hex(222904)

Conversions

Conversions Part 1

Format	Color
Hex	222904
RGB	34, 41, 4
RGB Percent	13%, 16%, 2%
CMY	0.8667, 0.8392, 0.9843
CMYK	0.17, 0.00, 0.90, 0.84
HSL	71°, 82%, 9%
HSV	71°, 90%, 16%
XYZ	1.4745, 1.9347, 0.4106
YIQ	34.6890, 7.7050, -12.9910

Conversions

Conversions Part 2

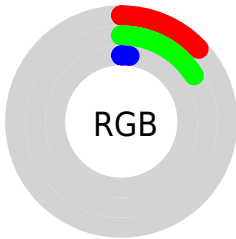
Format	Color
R_{YB}	4, 41, 11
Decimal	2238724
CIE Lab	15.14, -9.53, 20.23
CIE LCh	15, 22.362, 115.211
Yxy	1.9347, 0.3860, 0.5065
Android (android.graphics.Color)	4280428804 (0xFF222904)
YUV	34.6890, -15.1297, -0.6043
Hunter-Lab	13.9094, -5.4187, 7.9864

Details

The Hex color **222904** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B0429**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4F5632**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212900**, and if you desaturate by 10%, it is **232908**.

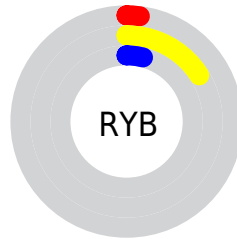
Distribution



Red (13%)

Green (16%)

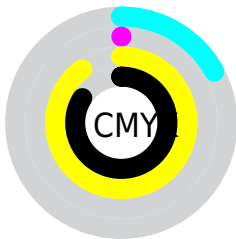
Blue (2%)



Red (2%)

Yellow (16%)

Blue (4%)

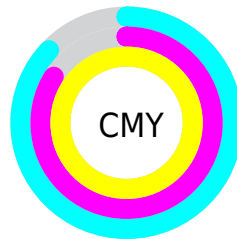


Cyan (17%)

Magenta (0%)

Yellow (90%)

Black (84%)



Cyan (87%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222904 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 222904 by changing the saturation by 10% instead.

 222904

 222904

 FFFFE6

 041500

 4F5632

 000000

 676E49

 818861

 9BA27A

 B6BD94

 D2D9AE

 EEF5CA

 222904

 222904

■ 212900

■ 232908

■ 24290C

■ 242910

■ 252914

■ 262918

■ 27291D

■ 272921

■ 282925

■ 292929

Harmonies

Analogous

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



312400



222904



0D2C13

Triad

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



222904



002C40



411829

Complementary

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



222904



0B0429

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.



371C38



222904



002845

Square

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



222904



002E33



222343



421919

Rectangle

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



222904



002D1D



222343



3F192E

Sweetspot

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



222904



333627



290B04



1A1C13



9C9C9C



1C1C1C

Same Dimension

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



222904



2B3600



102904



141412



445400



ACD400

Inverse Universe

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



0B0429



0A0036



1D0429



131214



100054



2800D4

Previews

White Background



This preview shows how the Hex color 222904 looks on a white background.

Color Contrast Check

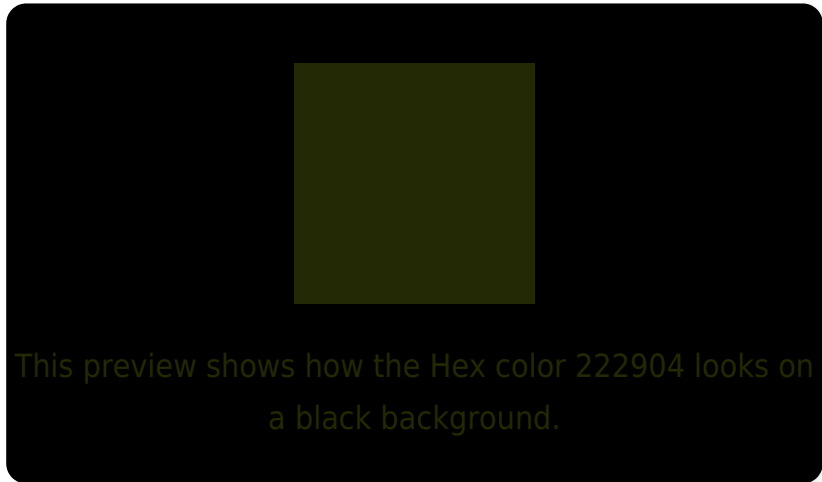
Large Text (above 18pt) WCAG AA ✓ Pass

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

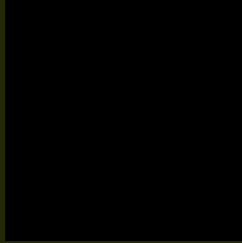
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

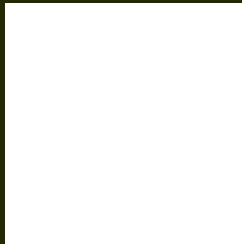
Any Text WCAG AAA × Fail

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

Hex 222904 Background



This preview shows how black text looks on a background with the Hex color 222904.

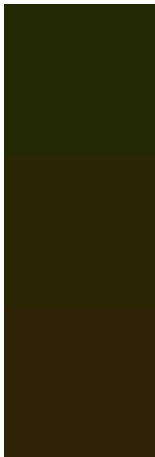


This preview shows how white text looks on a background with the Hex color 222904.

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](#).

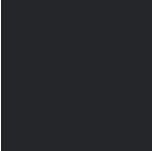
Dichromacy



Original Color
222904

Protanopia
2B2603

Deuteranopia
302408



Tritanopia
252629

Trichromacy



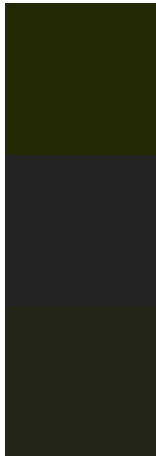
Original Color
222904

Protanomaly
282703

Deuteranomaly
2B2607

Tritanomaly
24271C

Monochromacy



Original Color
222904

Achromatopsia
232323

Achromatomaly
232518

CSS Examples

Text

The CSS property to change the color of the text to Hex 222904 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 #222904 looks like.

```
.text, #text, p{  
    color:#222904  
}
```

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 #222904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222904
}
```

Border

The CSS property to change the border of an element to Hex 222904 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".

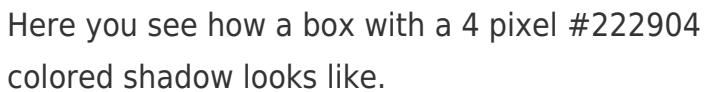
```
.border, #border, table{ border:4px solid
#222904 }
```

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

```
.border{ border-color:#222904 }
```

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

Here you see how a box with a 4 pixel #222904 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222904; -webkit-box-shadow:4px 4px  
4px 4px #222904; box-shadow:4px 4px 4px  
4px #222904 }
```

Background

The CSS property to change the background color of an element to Hex 222904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222904 }
```

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

```
.background{ background-color:#222904 }
```

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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