

Converting Colors

Hex(222913)

Have a look what the booklet for
Hex(222913) contains.

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Color

Hex(222913)

Conversions

Conversions Part 1

Format	Color
Hex	222913
RGB	34, 41, 19
RGB Percent	13%, 16%, 7%
CMY	0.8667, 0.8392, 0.9255
CMYK	0.17, 0.00, 0.54, 0.84
HSL	79°, 37%, 12%
HSV	79°, 54%, 16%
XYZ	1.5702, 1.9730, 0.9142
YIQ	36.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

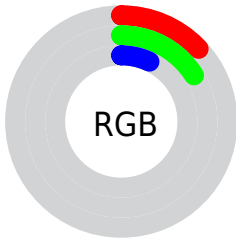
Format	Color
RYB	19, 41, 26
Decimal	2238739
CIELab	15.34, -7.76, 13.38
CIELCh	15, 15.470, 120.125
Yxy	1.9730, 0.3523, 0.4426
Android (android.graphics.Color)	4280428819 (0xFF222913)
YUV	36.3990, -8.5777, -2.1039
Hunter-Lab	14.0463, -4.6272, 5.9737

Details

The Hex color **222913** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A1329**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4F563E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21290F**, and if you desaturate by 10%, it is **232917**.

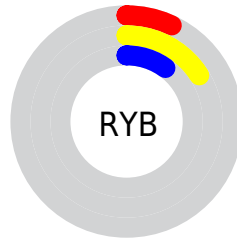
Distribution



Red (13%)

Green (16%)

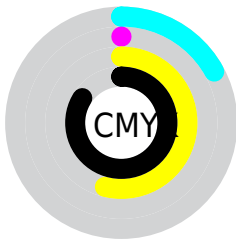
Blue (7%)



Red (7%)

Yellow (16%)

Blue (10%)

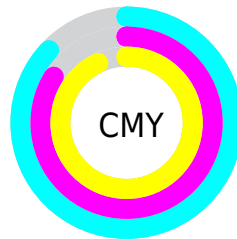


Cyan (17%)

Magenta (0%)

Yellow (54%)

Black (84%)



Cyan (87%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222913 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 222913 by changing the saturation by 10% instead.

■ 222913

■ 222913

■ FFFFF4

■ 0A1500

■ 4F563E

■ 000000

■ 676E55

■ 80886D

■ 9AA287

■ B5BDA1

■ D1D9BC

■ EDF5D8

■ 222913

■ 222913

■ 21290F

■ 232917

■ 1F290B

■ 25291B

■ 1E2907

■ 26291F

■ 1D2903

■ 272923

■ 1C2900

■ 292927

■ 2A292C

■ 2B2930

■ 2C2934

■ 2E2938

Harmonies

Analogous

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



2D2610



222913



152B1B

Triad

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



222913



002A39



3B1E27

Complementary

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



222913



1A1329

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.



342031



222913



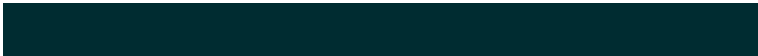
15273C

Square

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



222913



002C31



272439



3B1F1C

Rectangle

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



222913



0A2C22



272439



391E2A

Sweetspot

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



222913



33362D



291A13



1A1C17



9C9C9C



1C1C1C

Same Dimension

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



222913



2B3613



172913



141412



395400



90D400

Inverse Universe

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



1A1329



1E1336



251329



131214



1B0054



4300D4

Previews

White Background



This preview shows how the Hex color 222913 looks on a white background.

Color Contrast Check

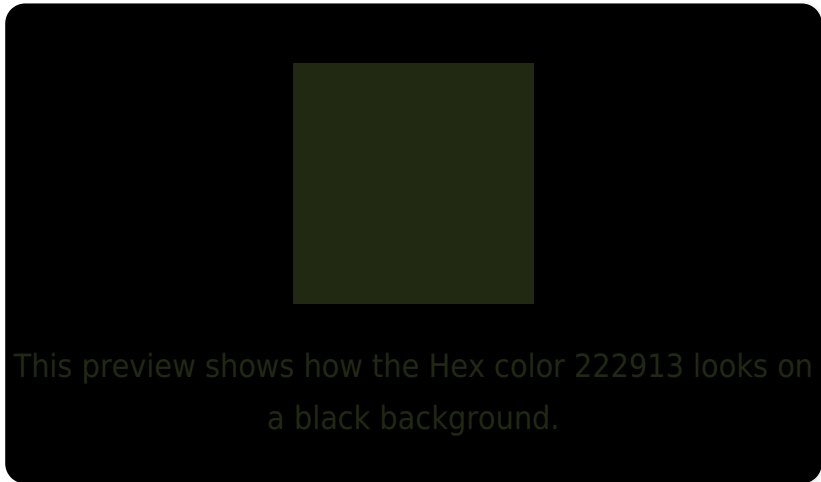
Large Text (above 18pt) WCAG AA ✓ Pass

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

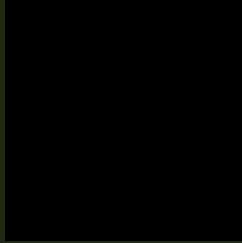
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

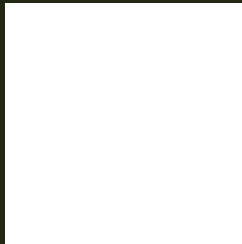
Any Text WCAG AAA × Fail

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

Hex 222913 Background



This preview shows how black text looks on a background with the Hex color 222913.

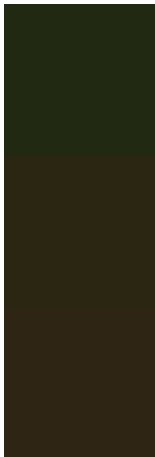


This preview shows how white text looks on a background with the Hex color 222913.

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](#).

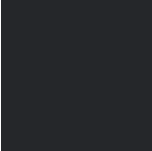
Dichromacy



Original Color
222913

Protanopia
2B2612

Deuteranopia
2F2514



Tritanopia
25272A

Trichromacy



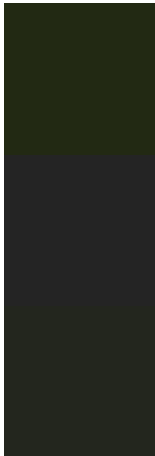
Original Color
222913

Protanomaly
282712

Deuteranomaly
2A2614

Tritanomaly
242822

Monochromacy



Original Color
222913

Achromatopsia
242424

Achromatomaly
23261E

CSS Examples

Text

The CSS property to change the color of the text to Hex 222913 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 #222913 looks like.

```
.text, #text, p{  
    color:#222913  
}
```

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 #222913 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222913
}
```

Border

The CSS property to change the border of an element to Hex 222913 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
#222913 }
```

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

```
.border{ border-color:#222913 }
```

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

Here you see how a box with a 4 pixel #222913 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222913; -webkit-box-shadow:4px 4px  
4px 4px #222913; box-shadow:4px 4px 4px  
4px #222913 }
```

Background

The CSS property to change the background color of an element to Hex 222913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222913 }
```

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

```
.background{ background-color:#222913 }
```

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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