

Converting Colors

Hex(222A09)

Have a look what the booklet for
Hex(222A09) contains.

| | |
|--|----|
| Hex(222A09) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(222A09)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 222A09 |
| RGB | 34, 42, 9 |
| RGB Percent | 13%, 16%, 4% |
| CMY | 0.8667, 0.8353, 0.9647 |
| CMYK | 0.19, 0.00, 0.79, 0.84 |
| HSL | 75°, 65%, 10% |
| HSV | 75°, 79%, 16% |
| XYZ | 1.5370, 2.0157, 0.5665 |
| YIQ | 35.8460, 5.8250, -11.9590 |

Conversions

Conversions Part 2

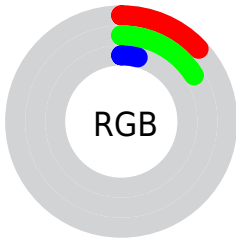
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 9, 42, 17 |
| Decimal | 2238985 |
| CIE _{Lab} | 15.57, -9.64, 18.74 |
| CIE _{LCh} | 16, 21.074, 117.215 |
| Yxy | 2.0157, 0.3731, 0.4893 |
| Android (android.graphics.Color) | 4280429065 (0xFF222A09) |
| YUV | 35.8460, -13.2351, -1.6189 |
| Hunter-Lab | 14.1977, -5.5225, 7.5726 |

Details

The Hex color **222A09** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11092A**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4F5735**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212A05**, and if you desaturate by 10%, it is **232A0D**.

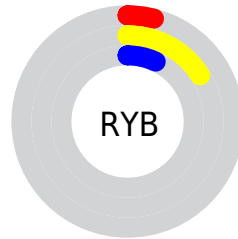
Distribution



Red (13%)

Green (16%)

Blue (4%)



Red (4%)

Yellow (16%)

Blue (7%)

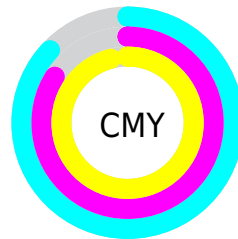


Cyan (19%)

Magenta (0%)

Yellow (79%)

Black (84%)



Cyan (87%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222A09 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 222A09 by changing the saturation by 10% instead.

 222A09

 222A09

 FFFFEA

 061600

 4F5735

 000000

 67704C

 818964

 9BA37D

 B6BE97

 D2DAB2

 EEF7CE

 222A09

 222A09

■ 212A05

■ 232A0D

■ 202A01

■ 242A11

■ 202A00

■ 252A16

■ 262A1A

■ 272A1E

■ 282A22

■ 292A26

■ 2A2A2B

■ 2B2A2F

Harmonies

Analogous

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



312604



222A09



0E2D16

Triad

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



222A09



002C40



411A29

Complementary

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



222A09



11092A

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.



381D37



222A09



022945

Square

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



222A09



002E34



252441



421B1A

Rectangle

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



222A09



002E20



252441



3F1B2E

Sweetspot

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



222A09



323629



2A1109



1A1C14



9C9C9C



1C1C1C

Same Dimension

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



222A09



293603



122A09



141412



405400



A0D400

Inverse Universe

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



11092A



0F0336



21092A



131214



140054



3300D4

Previews

White Background



This preview shows how the Hex color 222A09 looks on a white background.

Color Contrast Check

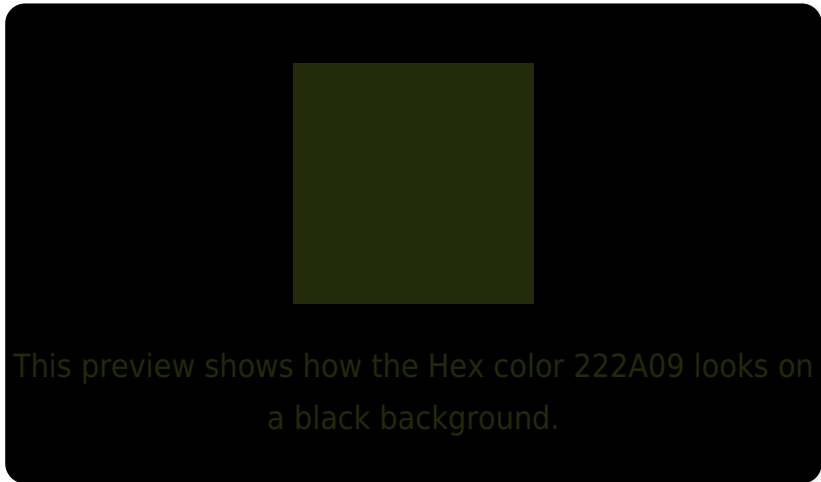
Large Text (above 18pt) WCAG AA ✓ Pass

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

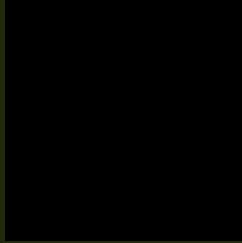
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

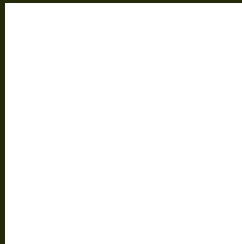
Any Text WCAG AAA × Fail

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

Hex 222A09 Background



This preview shows how black text looks on a background with the Hex color 222A09.



This preview shows how white text looks on a background with the Hex color 222A09.

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](#).

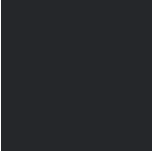
Dichromacy



Original Color
222A09

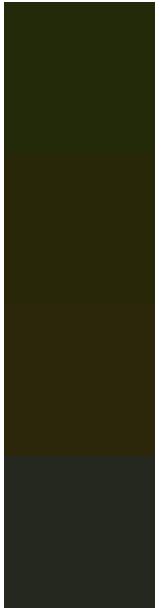
Protanopia
2C2708

Deuteranopia
31250B



Tritanopia
25272A

Trichromacy



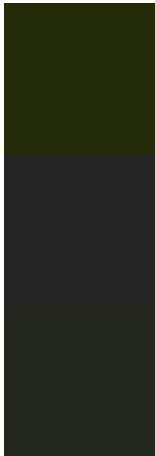
Original Color
222A09

Protanomaly
282808

Deuteranomaly
2C270A

Tritanomaly
24281E

Monochromacy



Original Color
222A09

Achromatopsia
242424

Achromatomaly
23261A

CSS Examples

Text

The CSS property to change the color of the text to Hex 222A09 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 #222A09 looks like.

```
.text, #text, p{  
    color:#222A09  
}
```

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 #222A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222A09
}
```

Border

The CSS property to change the border of an element to Hex 222A09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

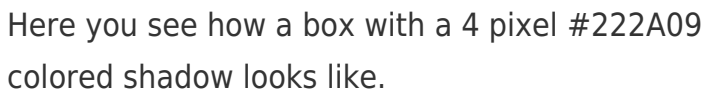
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222A09 }
```

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

```
.border{ border-color:#222A09 }
```

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



Here you see how a box with a 4 pixel #222A09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222A09; -webkit-box-shadow:4px 4px  
4px 4px #222A09; box-shadow:4px 4px 4px  
4px #222A09 }
```

Background

The CSS property to change the background color of an element to Hex 222A09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222A09 }
```

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

```
.background{ background-color:#222A09 }
```

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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