

Converting Colors

Hex(222C07)

Have a look what the booklet for
Hex(222C07) contains.

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Color

Hex(222C07)

Conversions

Conversions Part 1

Format	Color
Hex	222C07
RGB	34, 44, 7
RGB Percent	13%, 17%, 3%
CMY	0.8667, 0.8275, 0.9725
CMYK	0.23, 0.00, 0.84, 0.83
HSL	76°, 73%, 10%
HSV	76°, 84%, 17%
XYZ	1.5987, 2.1568, 0.5331
YIQ	36.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

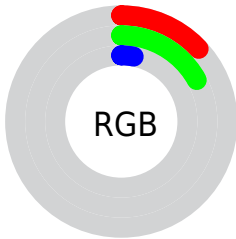
Format	Color
R_{YB}	7, 44, 17
Decimal	2239495
CIE Lab	16.29, -11.07, 20.46
CIE LCh	16, 23.263, 118.413
Yxy	2.1568, 0.3728, 0.5029
Android (android.graphics.Color)	4280429575 (0xFF222C07)
YUV	36.7920, -14.6875, -2.4486
Hunter-Lab	14.6860, -6.2690, 8.1282

Details

The Hex color **222C07** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11072C**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4F5A34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212C03**, and if you desaturate by 10%, it is **232C0B**.

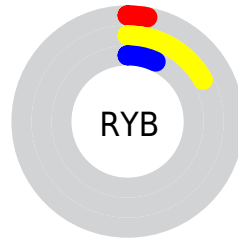
Distribution



 Red (13%)

 Green (17%)

 Blue (3%)



 Red (3%)

 Yellow (17%)

 Blue (7%)

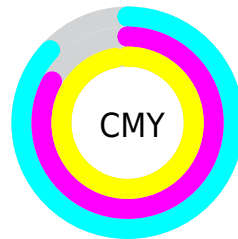


 Cyan (23%)

 Magenta (0%)

 Yellow (84%)

 Black (83%)



 Cyan (87%)

 Magenta (83%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222C07 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 222C07 by changing the saturation by 10% instead.

 222C07

 222C07

 FFFFE9

 071800

 4F5A34

 000000

 68724B

 818C63

 9BA67C

 B6C196

 D2DDB1

 EFF9CC

 222C07

 222C07

■ 212C03

■ 232C0B

■ 202C00

■ 242C10

■ 262C14

■ 272C19

■ 282C1D

■ 292C21

■ 2A2C26

■ 2C2C2A

■ 2D2C2F

Harmonies

Analogous

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



332701



222C07



0A2F16

Triad

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



222C07



002E44



45192A

Complementary

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



222C07



11072C

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.



3C1D3A



222C07



002A49

Square

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



222C07



003038



272446



461B1A

Rectangle

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



222C07



003021



272446



431A30

Sweetspot

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



222C07



34382A



2C1107



1A1C14



9C9C9C



1C1C1C

Same Dimension

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



222C07



293800



102C07



161715



3F5700



9CD600

Inverse Universe

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



11072C



0F0038



23072C



151517



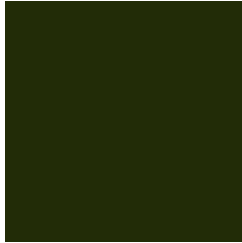
170057



3A00D6

Previews

White Background



This preview shows how the Hex color 222C07 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

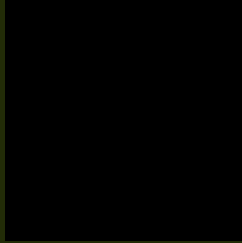
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

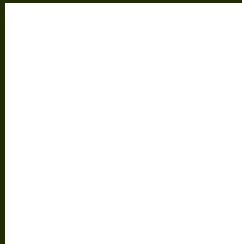
Any Text WCAG AAA × Fail

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

Hex 222C07 Background



This preview shows how black text looks on a background with the Hex color 222C07.



This preview shows how white text looks on a background with the Hex color 222C07.

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
222C07

Protanopia
2E2906

Deuteranopia
33260A



Tritanopia
26292C

Trichromacy



Original Color
222C07

Protanomaly
2A2A06

Deuteranomaly
2D2809

Tritanomaly
252A1F

Monochromacy



Original Color
222C07

Achromatopsia
252525

Achromatomaly
24281A

CSS Examples

Text

The CSS property to change the color of the text to Hex 222C07 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 #222C07 looks like.

```
.text, #text, p{  
    color:#222C07  
}
```

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 #222C07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222C07
}
```

Border

The CSS property to change the border of an element to Hex 222C07 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".

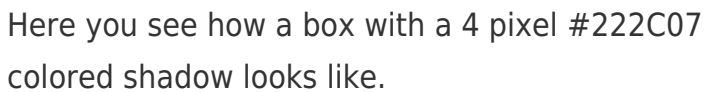
```
.border, #border, table{ border:4px solid
#222C07 }
```

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

```
.border{ border-color:#222C07 }
```

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

Here you see how a box with a 4 pixel #222C07 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222C07; -webkit-box-shadow:4px 4px  
4px 4px #222C07; box-shadow:4px 4px 4px  
4px #222C07 }
```

Background

The CSS property to change the background color of an element to Hex 222C07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222C07 }
```

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

```
.background{ background-color:#222C07 }
```

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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