

Converting Colors

Hex(212617)

Have a look what the booklet for
Hex(212617) contains.

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Color

Hex(212617)

Conversions

Conversions Part 1

Format	Color
Hex	212617
RGB	33, 38, 23
RGB Percent	13%, 15%, 9%
CMY	0.8706, 0.8510, 0.9098
CMYK	0.13, 0.00, 0.39, 0.85
HSL	80°, 25%, 12%
HSV	80°, 39%, 15%
XYZ	1.4750, 1.7714, 1.0748
YIQ	34.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

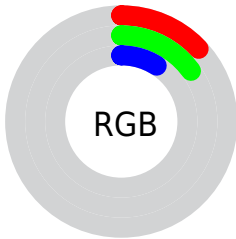
Format	Color
RYB	23, 38, 28
Decimal	2172439
CIELab	14.24, -5.63, 9.23
CIELCh	14, 10.812, 121.351
Yxy	1.7714, 0.3413, 0.4099
Android (android.graphics.Color)	4280362519 (0xFF212617)
YUV	34.7950, -5.8149, -1.5742
Hunter-Lab	13.3095, -3.5101, 4.5287

Details

The Hex color **212617** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C1726**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4D5342**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **202613**, and if you desaturate by 10%, it is **22261B**.

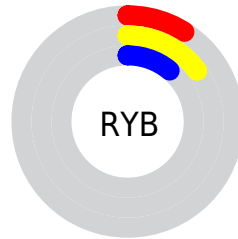
Distribution



Red (13%)

Green (15%)

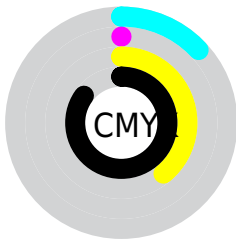
Blue (9%)



Red (9%)

Yellow (15%)

Blue (11%)

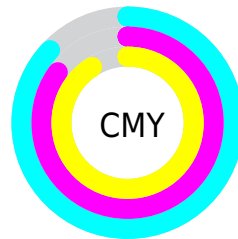


Cyan (13%)

Magenta (0%)

Yellow (39%)

Black (85%)



Cyan (87%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212617 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 212617 by changing the saturation by 10% instead.

 212617

 212617

 FFFFF9

 091100

 4D5342

 000000

 656B59

 7E8472

 989E8B

 B3B9A5

 CFD5C1

 EBF1DD

 212617

 212617

■ 202613

■ 22261B

■ 1E260F

■ 24261F

■ 1D260C

■ 252622

■ 1C2608

■ 262626

■ 1B2604

■ 27262A

■ 192600

■ 29262E

■ 2A2632

■ 2B2635

■ 2C2639

Harmonies

Analogous

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



292415



212617



18281D

Triad

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



212617



102731



331E24

Complementary

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



212617



1C1726

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.



2E202B



212617



1B2533

Square

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



212617



0B282C



262231



331F1D

Rectangle

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



212617



122822



262231



321F27

Sweetspot

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



212617



2F302B



261C17



181A16



999999



1A1A1A

Same Dimension

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



212617



29301A



1A2617



111210



365200



8BD100

Inverse Universe

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



1C1726



211A30



241726



111012



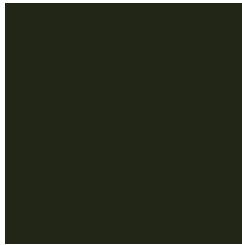
1B0052



4600D1

Previews

White Background



This preview shows how the Hex color 212617 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

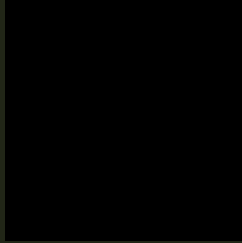
Any Text WCAG AA × Fail

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 212617 Background



This preview shows how black text looks on a background with the Hex color 212617.

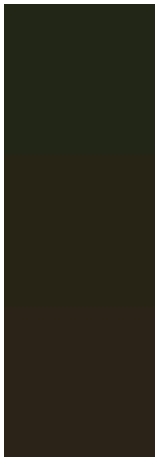


This preview shows how white text looks on a background with the Hex color 212617.

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
212617

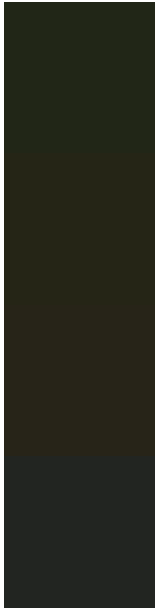
Protanopia
272416

Deuteranopia
2B2318



Tritanopia
232427

Trichromacy



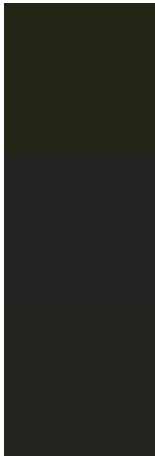
Original Color
212617

Protanomaly
252516

Deuteranomaly
272418

Tritanomaly
222521

Monochromacy



Original Color
212617

Achromatopsia
232323

Achromatomaly
22241F

CSS Examples

Text

The CSS property to change the color of the text to Hex 212617 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 #212617 looks like.

```
.text, #text, p{  
    color:#212617  
}
```

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 #212617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212617
}
```

Border

The CSS property to change the border of an element to Hex 212617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

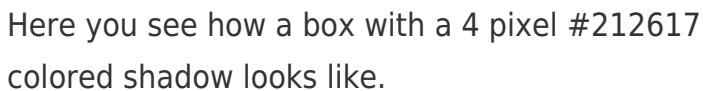
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212617 }
```

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

```
.border{ border-color:#212617 }
```

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



Here you see how a box with a 4 pixel #212617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212617; -webkit-box-shadow:4px 4px  
4px 4px #212617; box-shadow:4px 4px 4px  
4px #212617 }
```

Background

The CSS property to change the background color of an element to Hex 212617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212617 }
```

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

```
.background{ background-color:#212617 }
```

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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