

Converting Colors

Hex(212511)

Have a look what the booklet for
Hex(212511) contains.

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Color

Hex(212511)

Conversions

Conversions Part 1

Format	Color
Hex	212511
RGB	33, 37, 17
RGB Percent	13%, 15%, 7%
CMY	0.8706, 0.8549, 0.9333
CMYK	0.11, 0.00, 0.54, 0.85
HSL	72°, 37%, 11%
HSV	72°, 54%, 15%
XYZ	1.3899, 1.6869, 0.7827
YIQ	33.5240, 4.0360, -7.0680

Conversions

Conversions Part 2

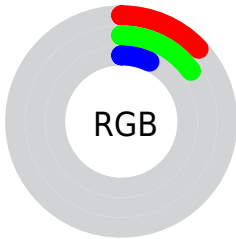
Format	Color
R_{YB}	17, 37, 21
Decimal	2172177
CIE Lab	13.75, -5.96, 12.51
CIE LCh	14, 13.861, 115.481
Yxy	1.6869, 0.3601, 0.4371
Android (android.graphics.Color)	4280362257 (0xFF212511)
YUV	33.5240, -8.1463, -0.4595
Hunter-Lab	12.9882, -3.6271, 5.5190

Details

The Hex color **212511** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **151125**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4E523B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **20250D**, and if you desaturate by 10%, it is **222515**.

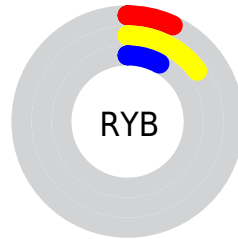
Distribution



Red (13%)

Green (15%)

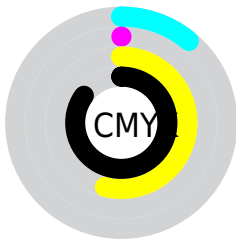
Blue (7%)



Red (7%)

Yellow (15%)

Blue (8%)

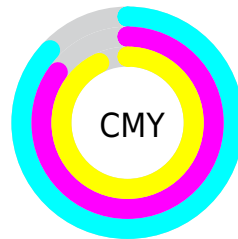


Cyan (11%)

Magenta (0%)

Yellow (54%)

Black (85%)



Cyan (87%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212511 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 212511 by changing the saturation by 10% instead.

■ 212511

■ 212511

■ FFFFF1

■ 061000

■ 4E523B

■ 000000

■ 666A53

■ 7F836B

■ 999D84

■ B4B89E

■ CFD3B9

■ ECF0D5

■ 212511

■ 212511

■ 20250D

■ 222515

■ 20250A

■ 222518

■ 1F2506

■ 23251C

■ 1E2502

■ 242520

■ 1E2500

■ 252524

■ 252527

■ 26252B

■ 27252F

■ 282532

Harmonies

Analogous

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



2B220F



212511



162718

Triad

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



212511



012733



341C25

Complementary

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



212511



151125

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.



2E1E2E



212511



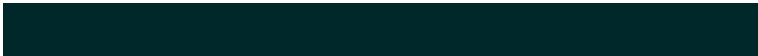
122436

Square

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



212511



00282B



222134



361C1B

Rectangle

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



212511



0D281E



222134



331C28

Sweetspot

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



212511



2F3029



251511



191A15



999999



1A1A1A

Same Dimension

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



212511



2A3011



172511



111210



415200



A7D100

Inverse Universe

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



151125



171130



1F1125



101012



100052



2A00D1

Previews

White Background



This preview shows how the Hex color 212511 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

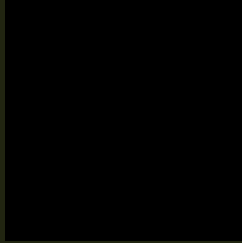
Any Text WCAG AA × Fail

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 212511 Background



This preview shows how black text looks on a background with the Hex color 212511.

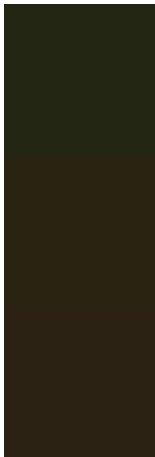


This preview shows how white text looks on a background with the Hex color 212511.

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
212511

Protanopia
272310

Deuteranopia
2B2112



Tritanopia
232326

Trichromacy



Original Color

212511

Protanomaly

252410

Deuteranomaly

272212

Tritanomaly

22241E

Monochromacy



Original Color

212511

Achromatopsia

222222

Achromatomaly

22231C

CSS Examples

Text

The CSS property to change the color of the text to Hex 212511 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 #212511 looks like.

```
.text, #text, p{  
    color:#212511  
}
```

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 #212511 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212511
}
```

Border

The CSS property to change the border of an element to Hex 212511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

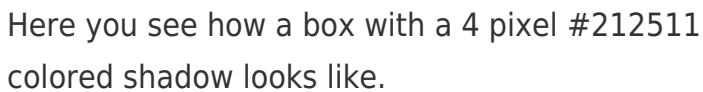
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212511 }
```

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

```
.border{ border-color:#212511 }
```

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



Here you see how a box with a 4 pixel #212511 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212511; -webkit-box-shadow:4px 4px  
4px 4px #212511; box-shadow:4px 4px 4px  
4px #212511 }
```

Background

The CSS property to change the background color of an element to Hex 212511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212511 }
```

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

```
.background{ background-color:#212511 }
```

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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