

Converting Colors

Hex(211538)

Have a look what the booklet for
Hex(211538) contains.

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Color

Hex(211538)

Conversions

Conversions Part 1	
Format	Color
Hex	211538
RGB	33, 21, 56
RGB Percent	13%, 8%, 22%
CMY	0.8706, 0.9176, 0.7804
CMYK	0.41, 0.62, 0.00, 0.78
HSL	261°, 45%, 15%
HSV	261°, 63%, 22%
XYZ	1.6092, 1.1452, 3.8776
YIQ	28.5780, -4.0830, 13.4290

Conversions

Conversions Part 2

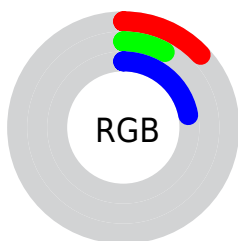
Format	Color
RYB	33, 21, 56
Decimal	2168120
CIELab	10.15, 15.69, -20.72
CIELCh	10, 25.989, 307.128
Yxy	1.1452, 0.2426, 0.1727
Android (android.graphics.Color)	4280358200 (0xFF211538)
YUV	28.5780, 13.5190, 3.8781
Hunter-Lab	10.7013, 8.1139, -13.9927

Details

The Hex color **211538** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2C3815**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4F4067**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **1D0F38**, and if you desaturate by 10%, it is **251B38**.

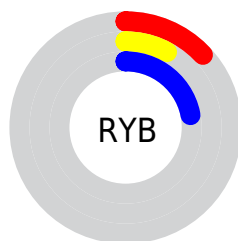
Distribution



Red (13%)

Green (8%)

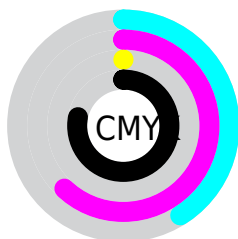
Blue (22%)



Red (13%)

Yellow (8%)

Blue (22%)

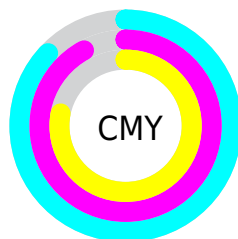


Cyan (41%)

Magenta (62%)

Yellow (0%)

Black (78%)



Cyan (87%)


Magenta (92%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211538 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 211538 by changing the saturation by 10% instead.

 211538

 211538

 FFF7FF


 0F0023

 4F4067

 000009

 685780

 000000

 81709B


 9B89B5

 B6A3D1

 D2BFED

 EFDAFF

 211538

 211538

■ 1D0F38

■ 251B38

■ 1A0A38

■ 282038

■ 160438

■ 2C2638

■ 130038

■ 302B38

■ 333138

■ 373738

■ 3B3C38

■ 3E4238

■ 424738

Harmonies

Analogous

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



001D3F



211538



340C2A

Triad

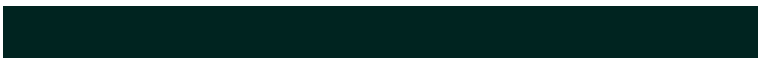
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211538



2F1600



002420

Complementary

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



211538



2C3815

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.



00230B



211538



201C00

Square

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



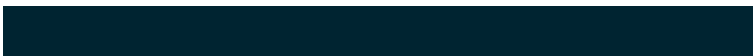
211538



390D00



0F2100



002431

Rectangle

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



211538



39081E



0F2100



002419

Sweetspot

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



211538



413C4A



152C38



201D26



A6A6A6



262626

Same Dimension

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



211538



26124A



321538



1A191C



1F005C



4B00DB

Inverse Universe

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



38152C



4A1237



1B3815



1C191B



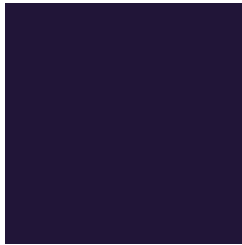
5C003C



DB0090

Previews

White Background



This preview shows how the Hex color 211538 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



This preview shows how the Hex color 211538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

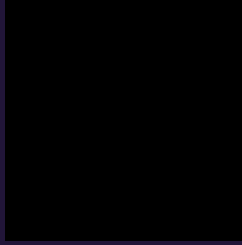
Any Text WCAG AA × Fail

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 211538 Background



This preview shows how black text looks on a background with the Hex color 211538.



This preview shows how white text looks on a background with the Hex color 211538.

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
211538





Protanopia
001B3A

Deuteranopia
001D33






Tritanopia
1B1C1F

Trichromacy

	Original Color 211538
	Protanomaly 0C1939
	Deuteranomaly 0C1A35
	Tritanomaly 1D1928

Monochromacy

	Original Color 211538
	Achromatopsia 1D1D1D
	Achromatomaly 1E1A27

CSS Examples

Text

The CSS property to change the color of the text to Hex 211538 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 #211538 looks like.

```
.text, #text, p{  
    color:#211538  
}
```

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 #211538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211538
}
```

Border

The CSS property to change the border of an element to Hex 211538 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
#211538 }
```

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

```
.border{ border-color:#211538 }
```

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

Here you see how a box with a 4 pixel #211538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211538; -webkit-box-shadow:4px 4px  
4px 4px #211538; box-shadow:4px 4px 4px  
4px #211538 }
```

Background

The CSS property to change the background color of an element to Hex 211538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211538 }
```

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

```
.background{ background-color:#211538 }
```

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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