

Converting Colors

Hex(211558)

Have a look what the booklet for
Hex(211558) contains.

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Color

Hex(211558)

Conversions

Conversions Part 1

Format	Color
Hex	211558
RGB	33, 21, 88
RGB Percent	13%, 8%, 35%
CMY	0.8706, 0.9176, 0.6549
CMYK	0.62, 0.76, 0.00, 0.65
HSL	251°, 61%, 21%
HSV	251°, 76%, 35%
XYZ	2.6568, 1.5642, 9.3944
YIQ	32.2260, -14.3550, 23.3810

Conversions

Conversions Part 2

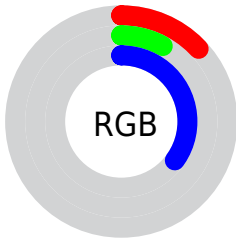
Format	Color
RYB	33, 21, 88
Decimal	2168152
CIELab	13.01, 26.70, -38.36
CIElCh	13, 46.734, 304.839
Yxy	1.5642, 0.1951, 0.1149
Android (android.graphics.Color)	4280358232 (0xFF211558)
YUV	32.2260, 27.4966, 0.6788
Hunter-Lab	12.5070, 16.0310, -35.7799

Details

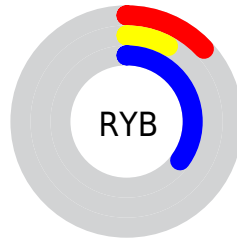
The Hex color **211558** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C5815**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **55418B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **1A0C58**, and if you desaturate by 10%, it is **281E58**.

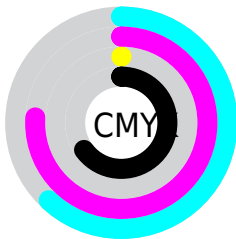
Distribution



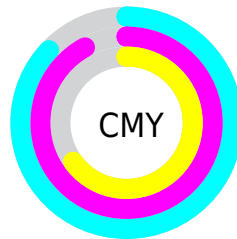
- Red (13%)
- Green (8%)
- Blue (35%)



- Red (13%)
- Yellow (8%)
- Blue (35%)



- Cyan (62%)
- Magenta (76%)
- Yellow (0%)
- Black (65%)



- Cyan (87%)
- Magenta (92%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211558 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 211558 by changing the saturation by 10% instead.

■ 211558

■ 211558

■ FFF9FF

■ 070040

■ 55418B

■ 000329

■ 6F59A5

■ 000113

■ 8971C1

■ 000000

■ A58BDD

■ C0A5FA

■ DDC1FF

■ FADDFE

■ 211558

■ 211558

■ 1A0C58

■ 281E58

■ 130358

■ 2F2758

■ 100058

■ 372F58

■ 3E3858

■ 454158

■ 4C4A58

■ 545358

■ 5B5B58

■ 626458

Harmonies

Analogous

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



002564



211558



4A003E

Triad

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



211558



401400



002F26

Complementary

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



211558



4C5815

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.



002D00



211558



262200

Square

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



211558



520000



002900



002E46

Rectangle

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



211558



540029



002900



002E1B

Sweetspot

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



211558



5D5873



154D58



2D2A3B



BABABA



3B3B3B

Same Dimension

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



211558



1D0A73



421558



28272B



13006B



2A00EB

Inverse Universe

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



58154C



730A60



2B5815



2B272B



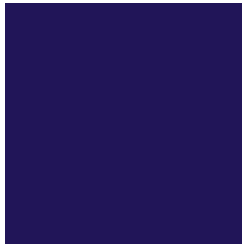
6B0058



EB00C1

Previews

White Background



This preview shows how the Hex color 211558 looks on a white background.

Color Contrast Check

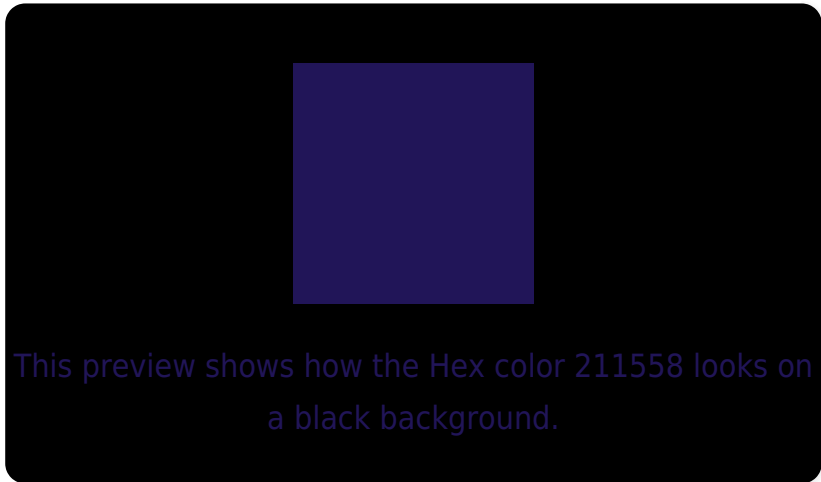
Large Text (above 18pt) WCAG AA ✓ Pass

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

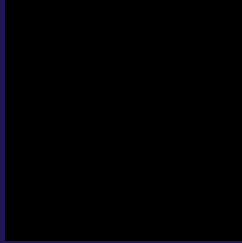
Any Text WCAG AA × Fail

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 211558 Background



This preview shows how black text looks on a background with the Hex color 211558.



This preview shows how white text looks on a background with the Hex color 211558.

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
211558

Protanopia
002146

Deuteranopia
00243C

Trichromacy



Original Color
211558

Protanomaly
0C1D4D

Deuteranomaly
0C1F46

Monochromacy



Original Color
211558

Achromatopsia
202020

Achromatomaly
201C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 211558 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 #211558 looks like.

```
.text, #text, p{  
    color:#211558  
}
```

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 #211558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211558
}
```

Border

The CSS property to change the border of an element to Hex 211558 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
#211558 }
```

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

```
.border{ border-color:#211558 }
```

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

Here you see how a box with a 4 pixel #211558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211558; -webkit-box-shadow:4px 4px  
4px 4px #211558; box-shadow:4px 4px 4px  
4px #211558 }
```

Background

The CSS property to change the background color of an element to Hex 211558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211558 }
```

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

```
.background{ background-color:#211558 }
```

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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