

Converting Colors

Hex(217311)

Have a look what the booklet for
Hex(217311) contains.

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Color

Hex(217311)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 217311 |
| RGB | 33, 115, 17 |
| RGB Percent | 13%, 45%, 7% |
| CMY | 0.8706, 0.5490, 0.9333 |
| CMYK | 0.71, 0.00, 0.85, 0.55 |
| HSL | 110°, 74%, 26% |
| HSV | 110°, 85%, 45% |
| XYZ | 6.8591, 12.6253, 2.6057 |
| YIQ | 79.3100, -17.4140, -47.8620 |

Conversions

Conversions Part 2

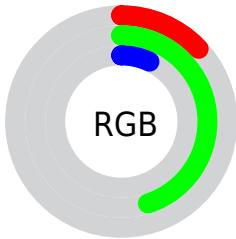
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 17, 115, 99 |
| Decimal | 2192145 |
| CIELab | 42.19, -42.66, 42.70 |
| CIELCh | 42, 60.361, 134.978 |
| Yxy | 12.6253, 0.3105, 0.5715 |
| Android (android.graphics.Color) | 4280382225 (0xFF217311) |
| YUV | 79.3100, -30.7188, -40.6139 |
| Hunter-Lab | 35.5321, -27.7235, 20.5244 |

Details

The Hex color **217311** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **631173**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5BA846**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **177305**, and if you desaturate by 10%, it is **2B731D**.

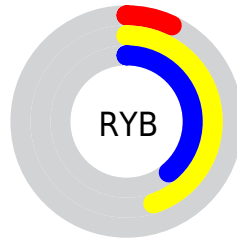
Distribution



Red (13%)

Green (45%)

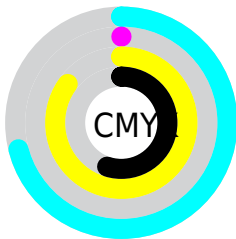
Blue (7%)



Red (7%)

Yellow (45%)

Blue (39%)

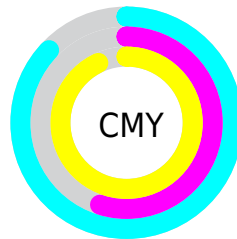


Cyan (71%)

Magenta (0%)

Yellow (85%)

Black (55%)



Cyan (87%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217311 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 217311 by changing the saturation by 10% instead.

 217311

 217311

FFFFFF

 005A00

 5BA846

 004100

 76C35F

 002B00

 92E079

 000E00

 AEFD94

 000000

 CBFFAF

 E8FFCB

 FFFFE7

 217311

 217311

■ 177305

■ 2B731D

■ 137300

■ 347328

■ 3E7333

■ 47733F

■ 51734B

■ 5B7356

■ 647362

■ 6E736D

■ 787379

Harmonies

Analogous

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



626900



217311



007848

Triad

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



217311



0070C4



BA294D

Complementary

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



217311



631173

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.



AF2F7F



217311



0361C5

Square

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



217311



0078A9



8449AB



AD401D

Rectangle

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



217311



00796B



8449AB



BA275E

Sweetspot

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



217311



76966F



736311



394D35



CCCCCC



4D4D4D

Same Dimension

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



217311



199600



117332



363B35



147A00



29FA00

Inverse Universe

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



631173



7E0096



731152



3A353B



66007A



D100FA

Previews

White Background



This preview shows how the Hex color 217311 looks on a white background.

Color Contrast Check

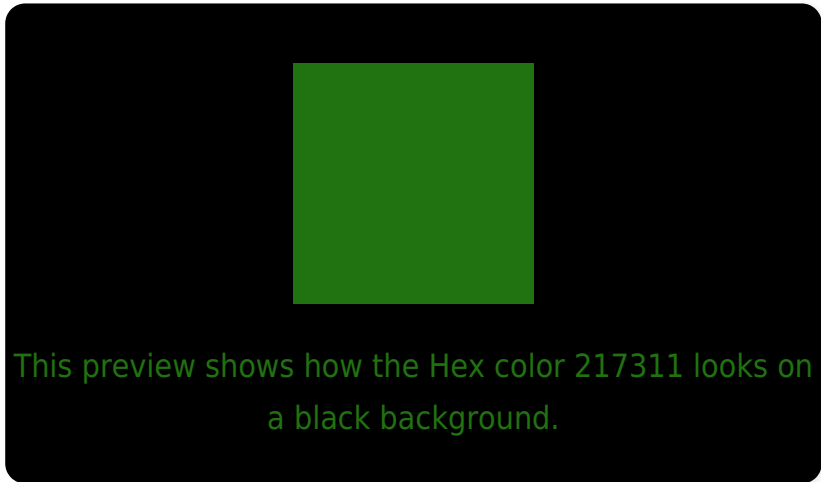
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

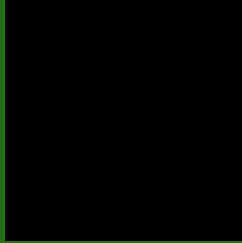
Any Text WCAG AA × Fail

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 217311 Background



This preview shows how black text looks on a background with the Hex color 217311.



This preview shows how white text looks on a background with the Hex color 217311.

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
217311

Protanopia
70630C

Deuteranopia
7C5E1D



Tritanopia
396B74

Trichromacy



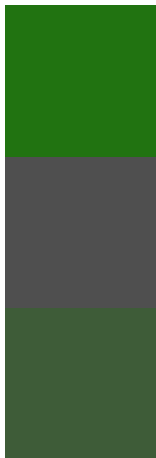
Original Color
217311

Protanomaly
53690E

Deuteranomaly
5B6619

Tritanomaly
306E50

Monochromacy



Original Color
217311

Achromatopsia
4F4F4F

Achromatomaly
3E5C38

CSS Examples

Text

The CSS property to change the color of the text to Hex 217311 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 #217311 looks like.

```
.text, #text, p{  
    color:#217311  
}
```

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 #217311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217311
}
```

Border

The CSS property to change the border of an element to Hex 217311 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
#217311 }
```

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

```
.border{ border-color:#217311 }
```

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

Here you see how a box with a 4 pixel #217311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217311; -webkit-box-shadow:4px 4px  
4px 4px #217311; box-shadow:4px 4px 4px  
4px #217311 }
```

Background

The CSS property to change the background color of an element to Hex 217311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217311 }
```

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

```
.background{ background-color:#217311 }
```

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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