

Converting Colors

Hex(217B29)

Have a look what the booklet for
Hex(217B29) contains.

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Color

Hex(217B29)

Conversions

Conversions Part 1

Format	Color
Hex	217B29
RGB	33, 123, 41
RGB Percent	13%, 48%, 16%
CMY	0.8706, 0.5176, 0.8392
CMYK	0.73, 0.00, 0.67, 0.52
HSL	125°, 58%, 31%
HSV	125°, 73%, 48%
XYZ	8.1104, 14.6493, 4.4980
YIQ	86.7420, -27.3180, -44.5820

Conversions

Conversions Part 2

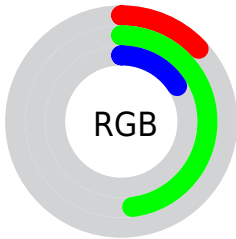
Format	Color
R_{YB}	33, 116, 123
Decimal	2194217
CIE Lab	45.15, -43.45, 36.29
CIE LCh	45, 56.615, 140.130
Yxy	14.6493, 0.2975, 0.5374
Android (android.graphics.Color)	4280384297 (0xFF217B29)
YUV	86.7420, -22.5508, -47.1317
Hunter-Lab	38.2745, -29.1560, 19.8244

Details

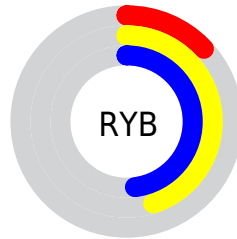
The Hex color **217B29** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7B2173**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5CB05A**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **157B1E**, and if you desaturate by 10%, it is **2D7B34**.

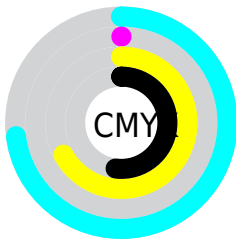
Distribution



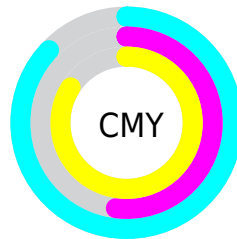
- Red (13%)
- Green (48%)
- Blue (16%)



- Red (13%)
- Yellow (45%)
- Blue (48%)



- Cyan (73%)
- Magenta (0%)
- Yellow (67%)
- Black (52%)



- Cyan (87%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217B29 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 217B29 by changing the saturation by 10% instead.



217B29



217B29

FFFFFF



00610F



5CB05A



004900



77CC74



003100



93E98E



001B00



AFFFA9



000000



CCFFC4



E9FFE1



FFFFFFD



217B29



217B29

■ 157B1E

■ 2D7B34

■ 087B13

■ 3A7B3F

■ 007B0B

■ 467B4B

■ 527B56

■ 5F7B61

■ 6B7B6C

■ 777B77

■ 837B83

■ 907B8E

Harmonies

Analogous

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



637200



217B29



007F59

Triad

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



217B29



0075C8



BE3B4D

Complementary

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



217B29



7B2173

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.



B73B7D



217B29



4765C4

Square

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



217B29



007EB3



944FA8



AE4F22

Rectangle

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



217B29



00807A



944FA8



BF385D

Sweetspot

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



217B29



7DA180



747B21



3C523E



D1D1D1



525252

Same Dimension

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



217B29



13A120



217B56



373D38



007D0B



00FC16

Inverse Universe

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



7B2173



A11394



7B2146



3D373D



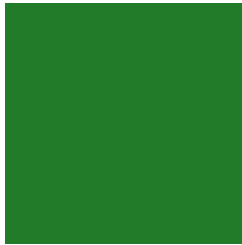
7D0072



FC00E6

Previews

White Background



This preview shows how the Hex color 217B29 looks on a white background.

Color Contrast Check

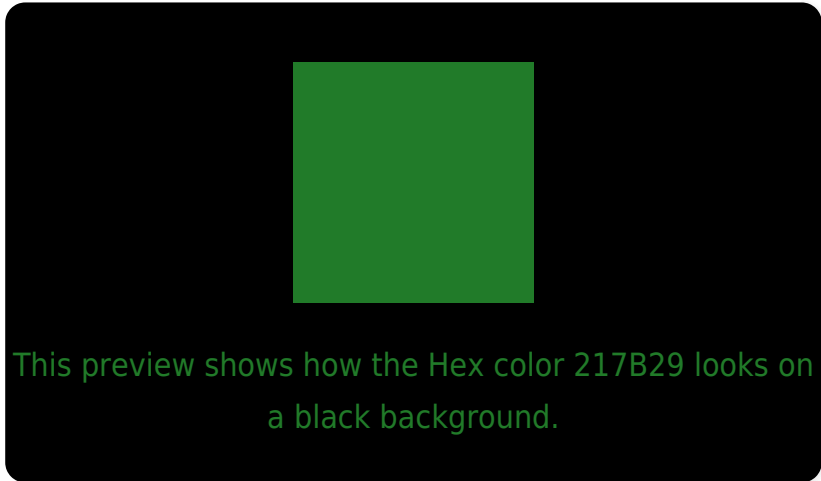
Large Text (above 18pt) WCAG AA ✓ Pass

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

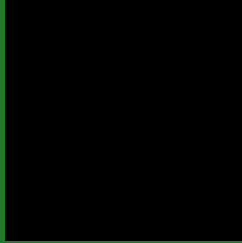
Any Text WCAG AA × Fail

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 217B29 Background



This preview shows how black text looks on a background with the Hex color 217B29.

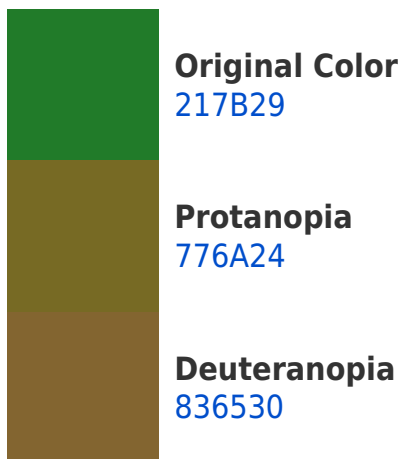



This preview shows how white text looks on a background with the Hex color 217B29.

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](#).

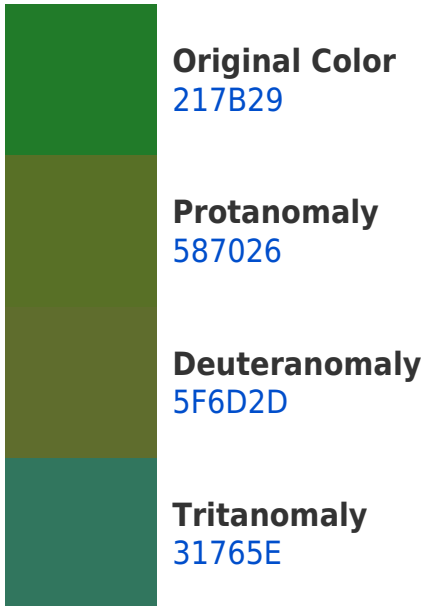
Dichromacy





Tritanopia
3A737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 217B29 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 #217B29 looks like.

```
.text, #text, p{  
    color:#217B29  
}
```

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 #217B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217B29
}
```

Border

The CSS property to change the border of an element to Hex 217B29 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
#217B29 }
```

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

```
.border{ border-color:#217B29 }
```

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

Here you see how a box with a 4 pixel #217B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217B29; -webkit-box-shadow:4px 4px  
4px 4px #217B29; box-shadow:4px 4px 4px  
4px #217B29 }
```

Background

The CSS property to change the background color of an element to Hex 217B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217B29 }
```

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

```
.background{ background-color:#217B29 }
```

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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