

Converting Colors

Hex(218148)

Have a look what the booklet for
Hex(218148) contains.

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Color

Hex(218148)

Conversions

Conversions Part 1

Format	Color
Hex	218148
RGB	33, 129, 72
RGB Percent	13%, 51%, 28%
CMY	0.8706, 0.4941, 0.7176
CMYK	0.74, 0.00, 0.44, 0.49
HSL	144°, 59%, 32%
HSV	144°, 74%, 51%
XYZ	9.6472, 16.4917, 8.8057
YIQ	93.7980, -38.9190, -38.0790

Conversions

Conversions Part 2

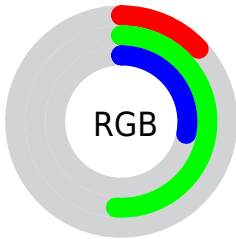
Format	Color
RYB	33, 101, 129
Decimal	2195784
CIELab	47.61, -40.96, 23.19
CIELCh	48, 47.069, 150.486
Yxy	16.4917, 0.2761, 0.4719
Android (android.graphics.Color)	4280385864 (0xFF218148)
YUV	93.7980, -10.7464, -53.3198
Hunter-Lab	40.6100, -28.6637, 15.5709

Details

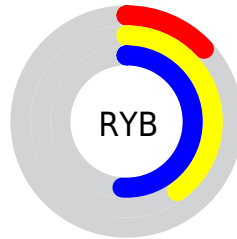
The Hex color **218148** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **81215A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5CB779**, and **004E1B** is the 20% darker color. If you saturate the color by 10%, you get **148140**, and if you desaturate by 10%, it is **2E8150**.

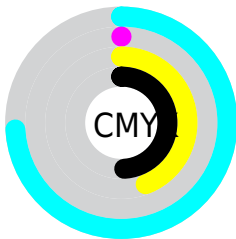
Distribution



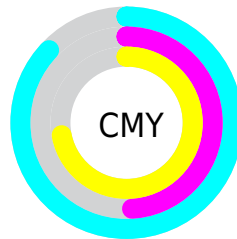
- Red (13%)
- Green (51%)
- Blue (28%)



- Red (13%)
- Yellow (40%)
- Blue (51%)



- Cyan (74%)
- Magenta (0%)
- Yellow (44%)
- Black (49%)



- Cyan (87%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218148 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 218148 by changing the saturation by 10% instead.

 218148

 218148

FFFFFF

 006731

 5CB779

 004E1B

 78D393

 003703

 94EFAE

 002200

 B0FFCA

 000000

 CCFE6

 EAFFFF

 218148

 218148

 148140

 2E8150

■ 078139

■ 3B8157

■ 008134

■ 48815F

■ 558167

■ 62816E

■ 6E8176

■ 7B817E

■ 888185

■ 95818D

Harmonies

Analogous

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



5D7A27



218148



008470

Triad

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



218148



0075C0



B7514B

Complementary

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



218148



81215A

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.



B74C72



218148



7266B6

Square

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



218148



007FB5



A15699



A4602B

Rectangle

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



218148



00848C



A15699



B94E58

Sweetspot

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



218148



83A892



5B8121



3E5447



D4D4D4



545454

Same Dimension

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



218148



13A84F



218177



39403C



008034



000000

Inverse Universe

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



81215A



A8136B



81212B



40393D



80004C



000000

Previews

White Background



This preview shows how the Hex color 218148 looks on a white background.

Color Contrast Check

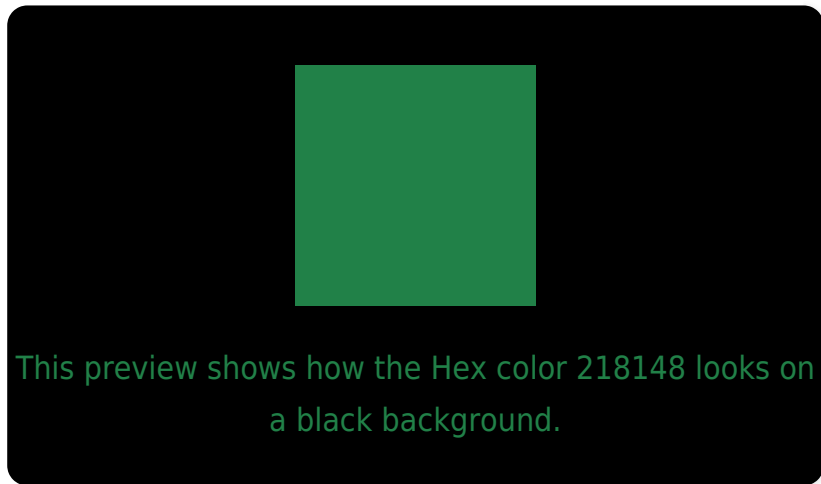
Large Text (above 18pt) WCAG AA ✓ Pass

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 218148 Background



This preview shows how black text looks on a background with the Hex color 218148.



This preview shows how white text looks on a background with the Hex color 218148.

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
218148

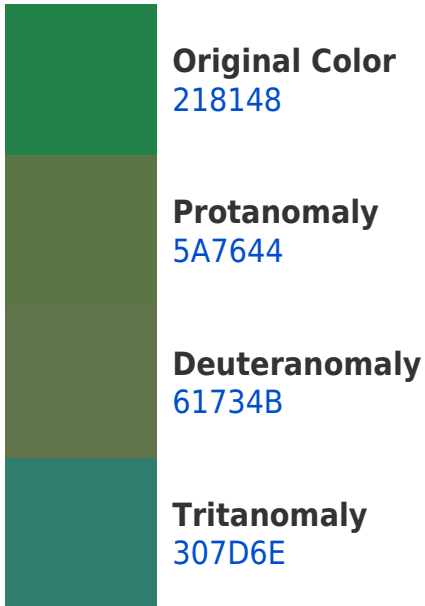
Protanopia
7B7042

Deuteranopia
866B4D



Tritanopia
397A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 218148 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 #218148 looks like.

```
.text, #text, p{  
    color:#218148  
}
```

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 #218148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218148
}
```

Border

The CSS property to change the border of an element to Hex 218148 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
#218148 }
```

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

```
.border{ border-color:#218148 }
```

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

Here you see how a box with a 4 pixel #218148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218148; -webkit-box-shadow:4px 4px  
4px 4px #218148; box-shadow:4px 4px 4px  
4px #218148 }
```

Background

The CSS property to change the background color of an element to Hex 218148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218148 }
```

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

```
.background{ background-color:#218148 }
```

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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