

Converting Colors

Hex(218157)

Have a look what the booklet for
Hex(218157) contains.

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Color

Hex(218157)

Conversions

Conversions Part 1

Format	Color
Hex	218157
RGB	33, 129, 87
RGB Percent	13%, 51%, 34%
CMY	0.8706, 0.4941, 0.6588
CMYK	0.74, 0.00, 0.33, 0.49
HSL	154°, 59%, 32%
HSV	154°, 74%, 51%
XYZ	10.1978, 16.7120, 11.7051
YIQ	95.5080, -43.7340, -33.4140

Conversions

Conversions Part 2

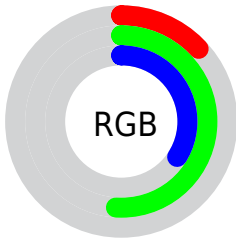
Format	Color
RYB	33, 94, 129
Decimal	2195799
CIELab	47.90, -37.82, 15.07
CIELCh	48, 40.712, 158.279
Yxy	16.7120, 0.2641, 0.4328
Android (android.graphics.Color)	4280385879 (0xFF218157)
YUV	95.5080, -4.1944, -54.8195
Hunter-Lab	40.8803, -27.0129, 11.6399

Details

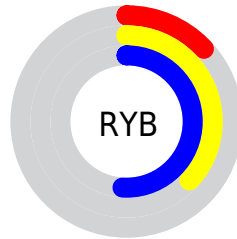
The Hex color **218157** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **81214B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5CB789**, and **004F29** is the 20% darker color. If you saturate the color by 10%, you get **148151**, and if you desaturate by 10%, it is **2E815D**.

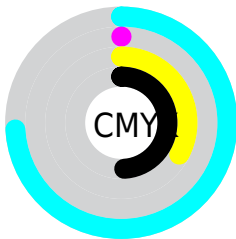
Distribution



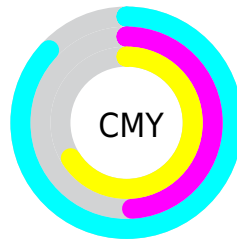
- Red (13%)
- Green (51%)
- Blue (34%)



- Red (13%)
- Yellow (37%)
- Blue (51%)



- Cyan (74%)
- Magenta (0%)
- Yellow (33%)
- Black (49%)



- Cyan (87%)
- Magenta (49%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218157 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 218157 by changing the saturation by 10% instead.



218157



218157

FFFFFF



006740



5CB789



004F29



78D3A3



003714



94EFBE



002200



B0FFDA



000000



CCFFF7



EAFFFF



218157



218157



148151



2E815D

■ 07814C

■ 3B8162

■ 008149

■ 488168

■ 55816E

■ 628173

■ 6E8179

■ 7B817F

■ 888184

■ 95818A

Harmonies

Analogous

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



587C39



218157



00837A

Triad

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



218157



4572B6



AD5A49

Complementary

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



218157



81214B

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.



B15469



218157



8165A8

Square

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



218157



007CB1



A3588C



9A6731

Rectangle

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



218157



008291



A3588C



B05753

Sweetspot

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



218157



83A898



4C8121



3E544B



D4D4D4



545454

Same Dimension

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



218157



13A867



217C81



39403D



008048



000000

Inverse Universe

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



81214B



A81354



812621



40393C



800038



000000

Previews

White Background



This preview shows how the Hex color 218157 looks on a white background.

Color Contrast Check

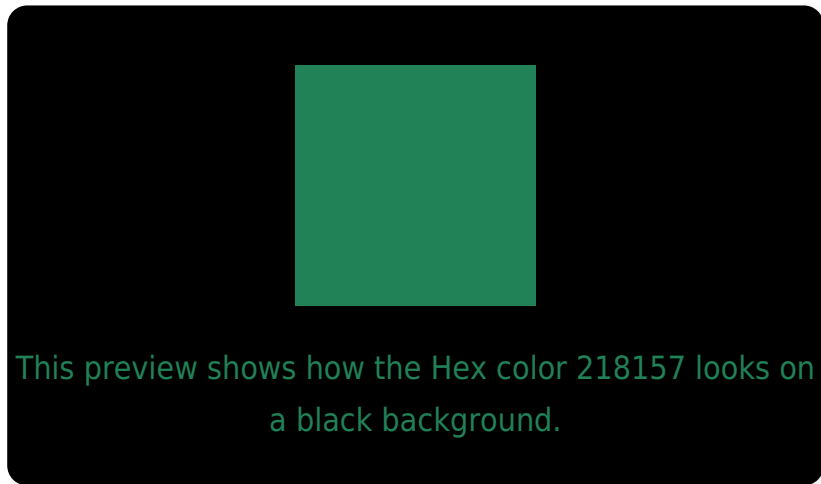
Large Text (above 18pt) WCAG AA ✓ Pass

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

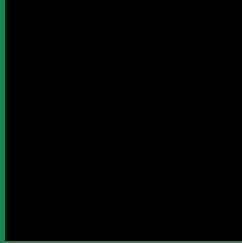
Any Text WCAG AA × Fail

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 218157 Background



This preview shows how black text looks on a background with the Hex color 218157.

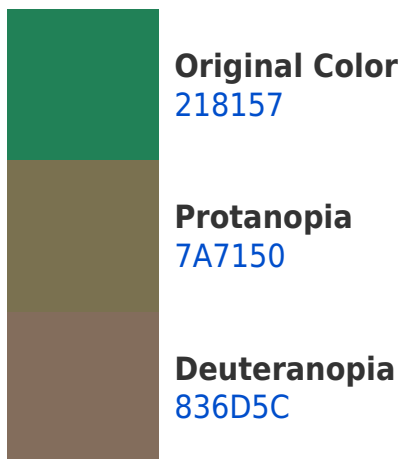


This preview shows how white text looks on a background with the Hex color 218157.

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
367B85

Trichromacy



Original Color
218157



Protanomaly
5A7753



Deuteranomaly
5F745A



Tritanomaly
2E7D74

Monochromacy



Original Color
218157



Achromatopsia
606060



Achromatomaly
496C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 218157 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 #218157 looks like.

```
.text, #text, p{  
    color:#218157  
}
```

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 #218157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218157
}
```

Border

The CSS property to change the border of an element to Hex 218157 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
#218157 }
```

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

```
.border{ border-color:#218157 }
```

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

Here you see how a box with a 4 pixel #218157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218157; -webkit-box-shadow:4px 4px  
4px 4px #218157; box-shadow:4px 4px 4px  
4px #218157 }
```

Background

The CSS property to change the background color of an element to Hex 218157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218157 }
```

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

```
.background{ background-color:#218157 }
```

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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