

Converting Colors

Hex(218963)

Have a look what the booklet for
Hex(218963) contains.

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Color

Hex(218963)

Conversions

Conversions Part 1

Format	Color
Hex	218963
RGB	33, 137, 99
RGB Percent	13%, 54%, 39%
CMY	0.8706, 0.4627, 0.6118
CMYK	0.76, 0.00, 0.28, 0.46
HSL	158°, 61%, 33%
HSV	158°, 76%, 54%
XYZ	11.8250, 19.1155, 14.8708
YIQ	101.5720, -49.7860, -33.8660

Conversions

Conversions Part 2

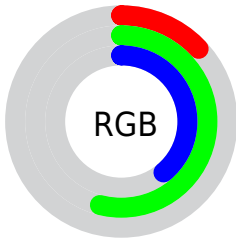
Format	Color
RYB	33, 97, 137
Decimal	2197859
CIELab	50.82, -38.42, 12.21
CIELCh	51, 40.314, 162.363
Yxy	19.1155, 0.2581, 0.4173
Android (android.graphics.Color)	4280387939 (0xFF218963)
YUV	101.5720, -1.2680, -60.1376
Hunter-Lab	43.7213, -28.2346, 10.4388

Details

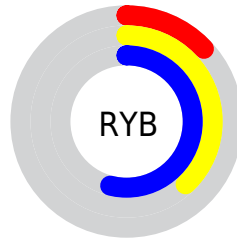
The Hex color **218963** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **892147**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5EBF96**, and **005634** is the 20% darker color. If you saturate the color by 10%, you get **13895E**, and if you desaturate by 10%, it is **2F8968**.

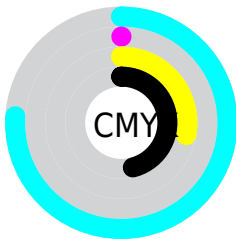
Distribution



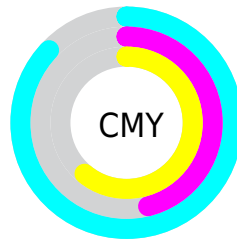
- Red (13%)
- Green (54%)
- Blue (39%)



- Red (13%)
- Yellow (38%)
- Blue (54%)



- Cyan (76%)
- Magenta (0%)
- Yellow (28%)
- Black (46%)



- Cyan (87%)
- Magenta (46%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218963 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 218963 by changing the saturation by 10% instead.

 218963

 218963

FFFFFF

 006F4B

 5EBF96

 005634

 7ADBB1

 003E1F

 96F8CC

 002808

 B3FFE8

 000600

 D0FFFF

 000000

 EDFFFF

 218963

 218963

 13895E

 2F8968

068959

3C896D

008957

4A8972

588977

66897C

738981

818986

8F898B

9C8990

Harmonies

Analogous

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



5A8444



218963



008A87

Triad

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



218963



5978BC



B3634C

Complementary

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



218963



892147

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.



BA5C6C



218963



8E6AAC

Square

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



218963



0082BA



AE5F8F



9E7037

Rectangle

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



218963



008A9D



AE5F8F



B76056

Sweetspot

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



218963



89B3A3



478921



405950



D9D9D9



595959

Same Dimension

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



218963



10B377



217B89



3E4542



008554



000503

Inverse Universe

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



892147



B3104B



892F21



453E40



850030



050002

Previews

White Background



This preview shows how the Hex color 218963 looks on a white background.

Color Contrast Check

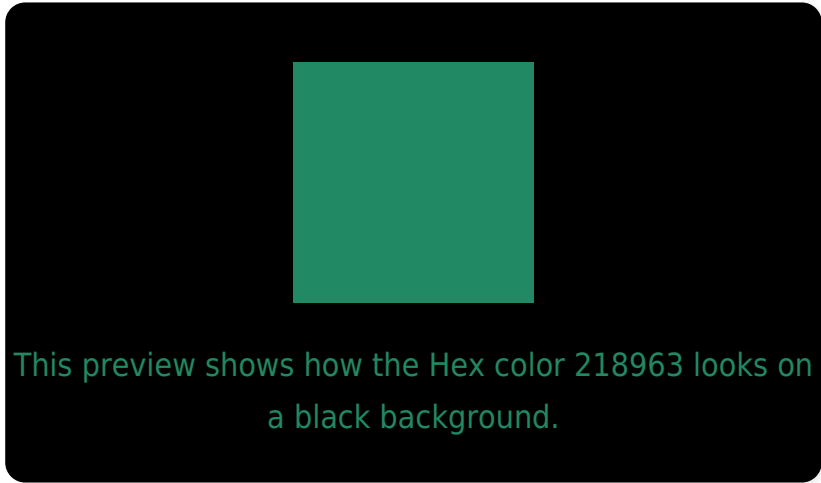
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

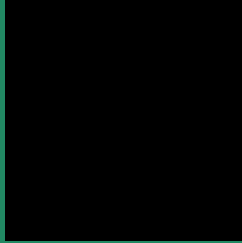
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 218963 Background



This preview shows how black text looks on a background with the Hex color 218963.

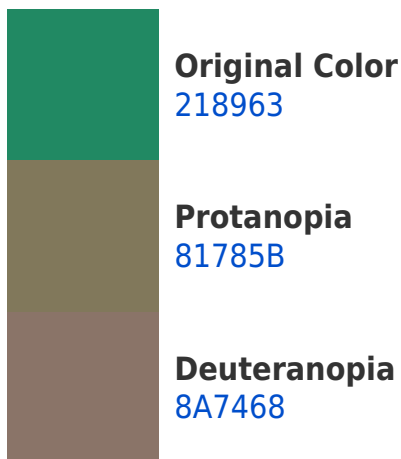


This preview shows how white text looks on a background with the Hex color 218963.

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
36838E

Trichromacy



Original Color
218963



Protanomaly
5E7E5E



Deuteranomaly
647C66



Tritanomaly
2E857E

Monochromacy



Original Color
218963



Achromatopsia
666666



Achromatomaly
4D7365

CSS Examples

Text

The CSS property to change the color of the text to Hex 218963 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 #218963 looks like.

```
.text, #text, p{  
    color:#218963  
}
```

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 #218963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218963
}
```

Border

The CSS property to change the border of an element to Hex 218963 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
#218963 }
```

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

```
.border{ border-color:#218963 }
```

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

Here you see how a box with a 4 pixel #218963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218963; -webkit-box-shadow:4px 4px  
4px 4px #218963; box-shadow:4px 4px 4px  
4px #218963 }
```

Background

The CSS property to change the background color of an element to Hex 218963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218963 }
```

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

```
.background{ background-color:#218963 }
```

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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