

Converting Colors

Hex(218F56)

Have a look what the booklet for
Hex(218F56) contains.

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Color

Hex(218F56)

Conversions

Conversions Part 1

Format	Color
Hex	218F56
RGB	33, 143, 86
RGB Percent	13%, 56%, 34%
CMY	0.8706, 0.4392, 0.6627
CMYK	0.77, 0.00, 0.40, 0.44
HSL	149°, 62%, 35%
HSV	149°, 77%, 56%
XYZ	12.1294, 20.6401, 12.1488
YIQ	103.6120, -47.2630, -41.0470

Conversions

Conversions Part 2

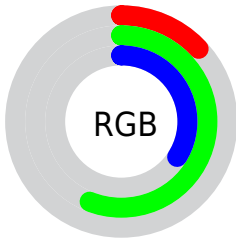
Format	Color
R_{YB}	33, 107, 143
Decimal	2199382
CIE _{Lab}	52.55, -43.76, 21.91
CIE _{LCh}	53, 48.937, 153.401
Y _{xy}	20.6401, 0.2700, 0.4595
Android (android.graphics.Color)	4280389462 (0xFF218F56)
YUV	103.6120, -8.6827, -61.9267
Hunter-Lab	45.4314, -31.8487, 15.9473

Details

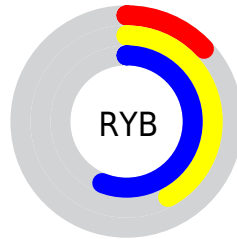
The Hex color **218F56** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F215A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5FC688**, and **005B28** is the 20% darker color. If you saturate the color by 10%, you get **138F4F**, and if you desaturate by 10%, it is **2F8F5D**.

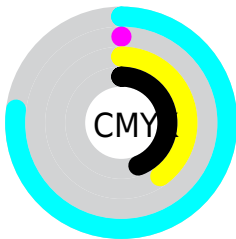
Distribution



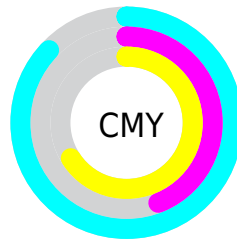
- Red (13%)
- Green (56%)
- Blue (34%)



- Red (13%)
- Yellow (42%)
- Blue (56%)



- Cyan (77%)
- Magenta (0%)
- Yellow (40%)
- Black (44%)



- Cyan (87%)
- Magenta (44%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218F56 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 218F56 by changing the saturation by 10% instead.

 218F56

 218F56

FFFFFF

 00753E

 5FC688

 005B28

 7CE2A3

 004312

 98FFBE

 002C00

 B5FFDA

 001000

 D2FFF6

 000000

 EFFFFFF

 218F56

 218F56

 138F4F

 2F8F5D

 048F47

 3E8F65

 008F45

 4C8F6C

 5A8F74

 688F7B

 778F82

 858F8A

 938F91

 A28F99

Harmonies

Analogous

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



648833



218F56



009281

Triad

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



218F56



2881D1



C75E52

Complementary

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



218F56



8F215A

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.



C9577A



218F56



8570C4

Square

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



218F56



008CC8



B45FA4



B26D31

Rectangle

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



218F56



00929E



B45FA4



CA5A5E

Sweetspot

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



218F56



8FBAA4



5C8F21



445E51



DEDEDE



5E5E5E

Same Dimension

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



218F56



0FBA61



218F8B



404744



008741



000804

Inverse Universe

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



8F215A



BA0F68



8F2125



474044



870046



080004

Previews

White Background



This preview shows how the Hex color 218F56 looks on a white background.

Color Contrast Check

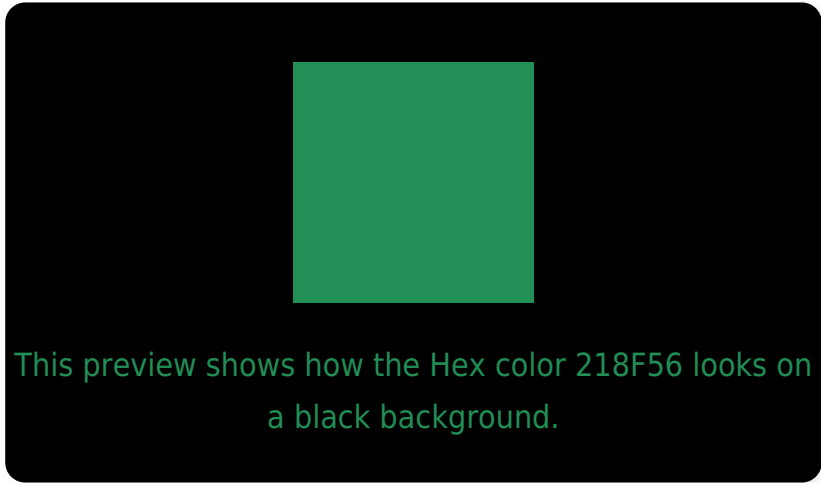
Large Text (above 18pt) WCAG AA ✓ Pass

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 218F56 Background



This preview shows how black text looks on a background with the Hex color 218F56.



This preview shows how white text looks on a background with the Hex color 218F56.

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
218F56

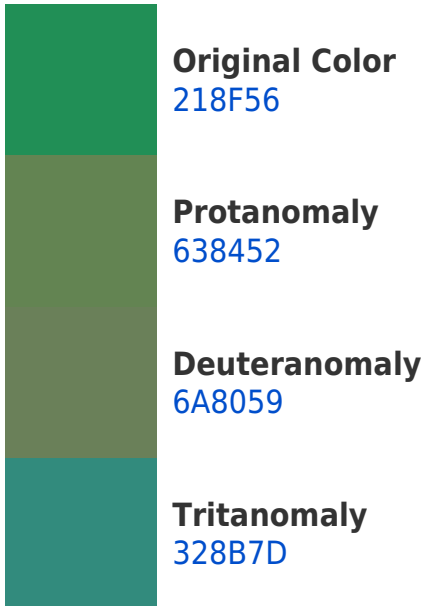
Protanopia
887D4F

Deuteranopia
93775B

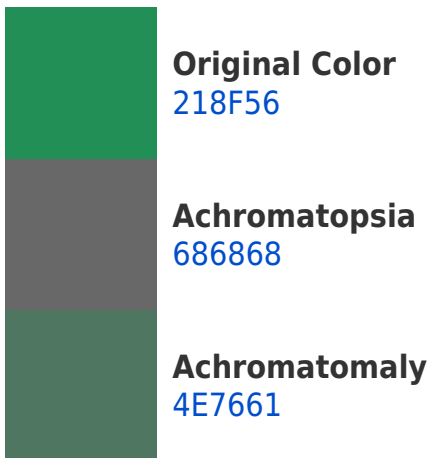


Tritanopia
3C8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 218F56 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 #218F56 looks like.

```
.text, #text, p{  
    color:#218F56  
}
```

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 #218F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218F56
}
```

Border

The CSS property to change the border of an element to Hex 218F56 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
#218F56 }
```

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

```
.border{ border-color:#218F56 }
```

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

Here you see how a box with a 4 pixel #218F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218F56; -webkit-box-shadow:4px 4px  
4px 4px #218F56; box-shadow:4px 4px 4px  
4px #218F56 }
```

Background

The CSS property to change the background color of an element to Hex 218F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218F56 }
```

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

```
.background{ background-color:#218F56 }
```

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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