

Converting Colors

Hex(218C17)

Have a look what the booklet for
Hex(218C17) contains.

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Color

Hex(218C17)

Conversions

Conversions Part 1

Format	Color
Hex	218C17
RGB	33, 140, 23
RGB Percent	13%, 55%, 9%
CMY	0.8706, 0.4510, 0.9098
CMYK	0.76, 0.00, 0.84, 0.45
HSL	115°, 72%, 32%
HSV	115°, 84%, 55%
XYZ	10.1599, 19.1414, 3.9698
YIQ	94.6690, -26.2150, -59.0710

Conversions

Conversions Part 2

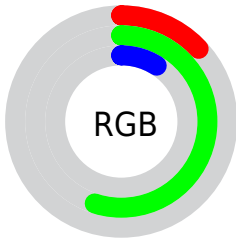
Format	Color
RYB	23, 140, 130
Decimal	2198551
CIELab	50.85, -50.86, 48.94
CIELCh	51, 70.586, 136.101
Yxy	19.1414, 0.3054, 0.5753
Android (android.graphics.Color)	4280388631 (0xFF218C17)
YUV	94.6690, -35.3328, -54.0837
Hunter-Lab	43.7508, -35.1122, 25.2458

Details

The Hex color **218C17** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **82178C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **61C34E**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **148C09**, and if you desaturate by 10%, it is **2E8C25**.

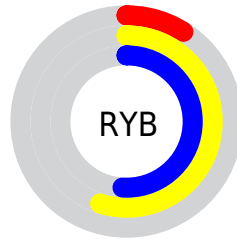
Distribution



 Red (13%)

 Green (55%)

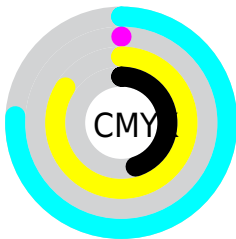
 Blue (9%)




 Red (9%)

 Yellow (55%)

 Blue (51%)

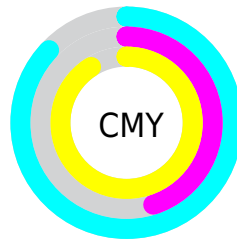


 Cyan (76%)


 Magenta (0%)

 Yellow (84%)

 Black (45%)



 Cyan (87%)

 Magenta (45%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218C17 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 218C17 by changing the saturation by 10% instead.



218C17



218C17

FFFFFF



007200



61C34E



005800



7EDF68



004000



9AFC83



002A00



B7FF9E



000600



D5FFBA



000000



F2FFD6



FFFFFF3



218C17



218C17

■ 148C09

■ 2E8C25

■ 0C8C00

■ 3B8C33

■ 478C41

■ 548C4F

■ 618C5D

■ 6E8C6B

■ 7B8C79

■ 878C87

■ 948C95

Harmonies

Analogous

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



748000



218C17



00925A

Triad

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



218C17



0088EF



E2325C

Complementary

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



218C17



82178C

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.



D53798



218C17



1575EE

Square

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



218C17



0091CF



A358CE



D04F22

Rectangle

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



218C17



009384



A358CE



E12E6F

Sweetspot

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



218C17



8CB588



8C8017



435C40



DBDBDB



5C5C5C

Same Dimension

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



218C17



0FB500



178C46



3F453E



0B8500



000500

Inverse Universe

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



82178C



A600B5



8C175D



443E45



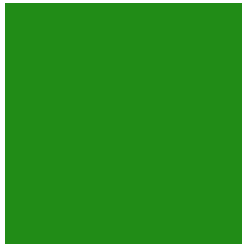
790085



050005

Previews

White Background



This preview shows how the Hex color 218C17 looks on a white background.

Color Contrast Check

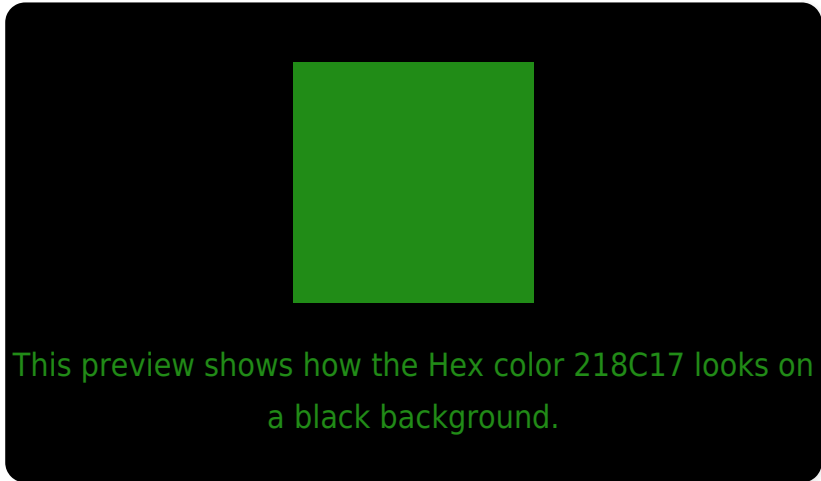
Large Text (above 18pt) WCAG AA ✓ Pass

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 218C17 Background



This preview shows how black text looks on a background with the Hex color 218C17.



This preview shows how white text looks on a background with the Hex color 218C17.

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
218C17

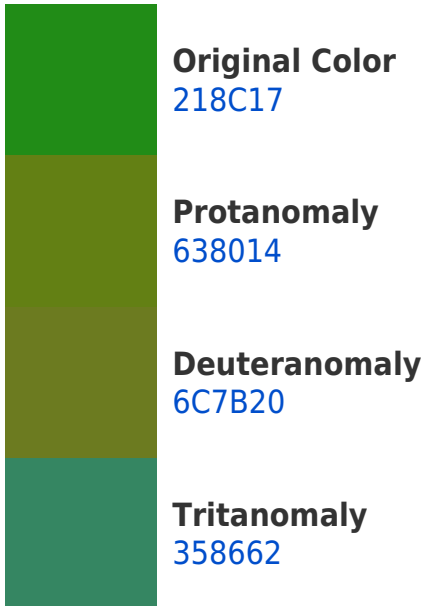
Protanopia
887912

Deuteranopia
977225

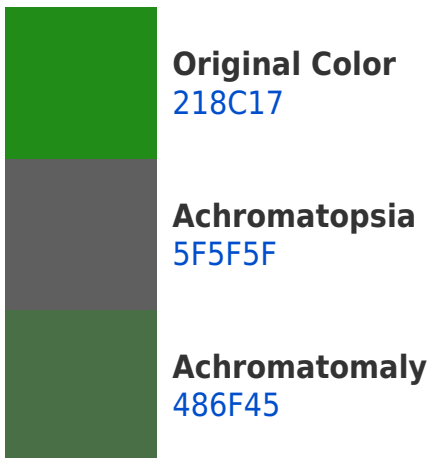


Tritanopia
41828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 218C17 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 #218C17 looks like.

```
.text, #text, p{  
    color:#218C17  
}
```

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 #218C17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218C17
}
```

Border

The CSS property to change the border of an element to Hex 218C17 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
#218C17 }
```

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

```
.border{ border-color:#218C17 }
```

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

Here you see how a box with a 4 pixel #218C17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218C17; -webkit-box-shadow:4px 4px  
4px 4px #218C17; box-shadow:4px 4px 4px  
4px #218C17 }
```

Background

The CSS property to change the background color of an element to Hex 218C17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218C17 }
```

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

```
.background{ background-color:#218C17 }
```

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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