

# Converting Colors

Hex(218042)

Have a look what the booklet for  
Hex(218042) contains.

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**Color**

**Hex(218042)**

# Conversions

## Conversions Part 1

Format	Color
Hex	218042
RGB	33, 128, 66
RGB Percent	13%, 50%, 26%
CMY	0.8706, 0.4980, 0.7412
CMYK	0.74, 0.00, 0.48, 0.50
HSL	141°, 59%, 32%
HSV	141°, 74%, 50%
XYZ	9.3297, 16.1550, 7.7808
YIQ	92.5270, -36.7180, -39.4220

# Conversions

## Conversions Part 2

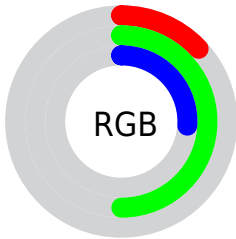
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 104, 128
Decimal	2195522
CIELab	47.18, -41.67, 25.93
CIELCh	47, 49.079, 148.105
Yxy	16.1550, 0.2805, 0.4856
Android (android.graphics.Color)	4280385602 (0xFF218042)
YUV	92.5270, -13.0778, -52.2052
Hunter-Lab	40.1933, -28.9046, 16.6578

# Details

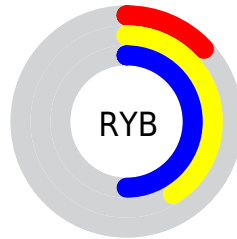
The Hex color **218042** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **80215F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5CB673**, and **004D14** is the 20% darker color. If you saturate the color by 10%, you get **14803A**, and if you desaturate by 10%, it is **2E804A**.

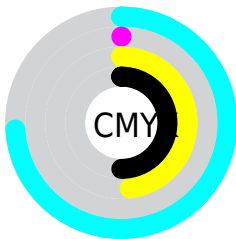
# Distribution



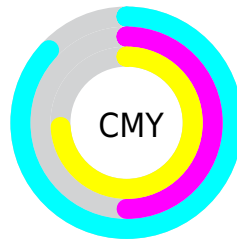
- Red (13%)
- Green (50%)
- Blue (26%)



- Red (13%)
- Yellow (41%)
- Blue (50%)



- Cyan (74%)
- Magenta (0%)
- Yellow (48%)
- Black (50%)



- Cyan (87%)
- Magenta (50%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 218042 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 218042 by changing the saturation by 10% instead.



 218042

 218042

FFFFFF

 00662B

 5CB673

 004D14

 78D28D

 003600

 93EEA8

 002100

 B0FFC3

 000000

 CCFFDF

 E9FFFC

 218042

 218042

 14803A

 2E804A

078031

3B8053

00802C

47805B

548063

61806C

6E8074

7B807C

878085

94808D

# Harmonies

## Analogous

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



5F7920



218042



00836C

# Triad

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



218042



0075C3



B94D4B

# Complementary

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



218042



80215F

# 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.



B84974



218042



6B66B9

# Square

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



218042



007FB5



9F549C



A75D29

# Rectangle

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



218042



008488



9F549C



BB4A59



# Sweetspot

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



218042



81A68E



608021



3E5446



D4D4D4



545454



# Same Dimension

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



218042



12A645



218070



39403C



00802C



000000



# Inverse Universe

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



80215F



A61273



802131



40393E



800053



000000



# Previews

## White Background



This preview shows how the Hex color 218042 looks on a white background.

## Color Contrast Check

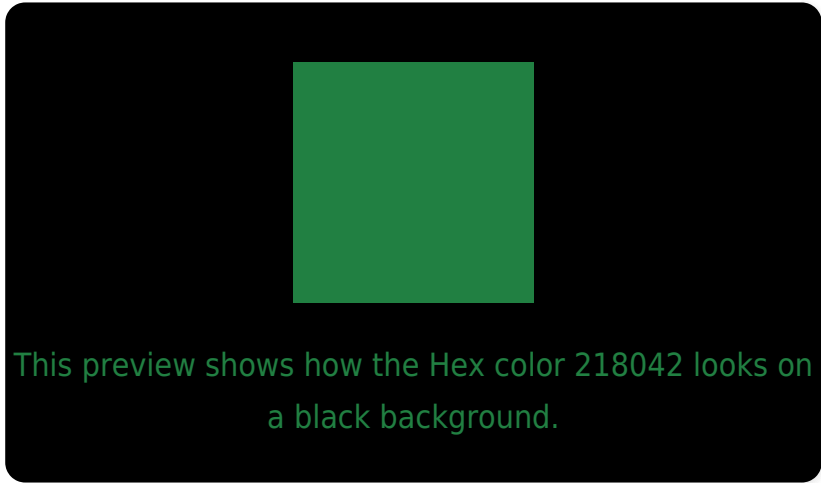
Large Text (above 18pt) WCAG AA ✓ Pass

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 218042 Background



This preview shows how black text looks on a background with the Hex color 218042.



This preview shows how white text looks on a background with the Hex color 218042.

# 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**  
218042

**Protanopia**  
7A6F3C

**Deuteranopia**  
866A47



**Tritanopia**  
397983

# Trichromacy



**Original Color**  
218042



**Protanomaly**  
5A753E



**Deuteranomaly**  
617245



**Tritanomaly**  
307C6B

# Monochromacy



**Original Color**  
218042



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
476A53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 218042 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 #218042 looks like.

```
.text, #text, p{  
    color:#218042  
}
```

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 #218042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218042
}
```

## Border

The CSS property to change the border of an element to Hex 218042 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
#218042 }
```

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

```
.border{ border-color:#218042 }
```

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

Here you see how a box with a 4 pixel #218042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218042; -webkit-box-shadow:4px 4px  
4px 4px #218042; box-shadow:4px 4px 4px  
4px #218042 }
```

# Background

The CSS property to change the background color of an element to Hex 218042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218042 }
```

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

```
.background{ background-color:#218042 }
```

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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