

# Converting Colors

Hex(208A2C)

Have a look what the booklet for  
Hex(208A2C) contains.

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# Color

Hex(208A2C)

# Conversions

## Conversions Part 1

Format	Color
Hex	208A2C
RGB	32, 138, 44
RGB Percent	13%, 54%, 17%
CMY	0.8745, 0.4588, 0.8275
CMYK	0.77, 0.00, 0.68, 0.46
HSL	127°, 62%, 33%
HSV	127°, 77%, 54%
XYZ	10.1388, 18.6659, 5.4514
YIQ	95.5900, -33.0020, -51.7060

# Conversions

## Conversions Part 2

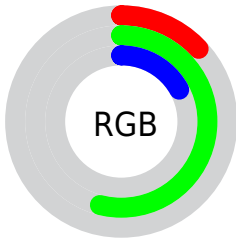
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 127, 138
Decimal	2132524
CIE <sub>Lab</sub>	50.29, -48.62, 40.59
CIE <sub>LCh</sub>	50, 63.334, 140.146
Yxy	18.6659, 0.2960, 0.5449
Android (android.graphics.Color)	4280322604 (0xFF208A2C)
YUV	95.5900, -25.4339, -55.7684
Hunter-Lab	43.2040, -33.7181, 22.7618

# Details

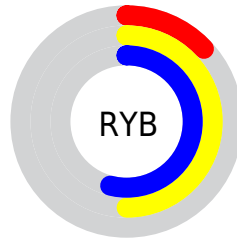
The Hex color **208A2C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A207E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5FC15E**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **128A20**, and if you desaturate by 10%, it is **2E8A38**.

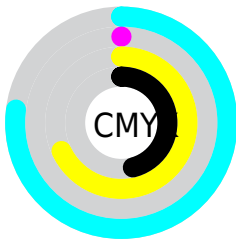
# Distribution



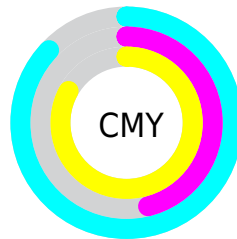
- Red (13%)
- Green (54%)
- Blue (17%)



- Red (13%)
- Yellow (50%)
- Blue (54%)



- Cyan (77%)
- Magenta (0%)
- Yellow (68%)
- Black (46%)



- Cyan (87%)
- Magenta (46%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 208A2C 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 208A2C by changing the saturation by 10% instead.



 208A2C

 208A2C

FFFFFF

 007011

 5FC15E

 005700

 7BDD78

 003E00

 98FA93

 002900

 B4FFAE

 000200

 D2FFCA

 000000

 EFFF6E

 208A2C

 208A2C

 128A20

 2E8A38

■ 048A14

■ 3C8A44

■ 008A10

■ 498A51

■ 578A5D

■ 658A69

■ 738A75

■ 818A82

■ 8E8A8E

■ 9C8A9A

# Harmonies

## Analogous

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



6E8000



208A2C



008F63

# Triad

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



208A2C



0083E3



D64056

# Complementary

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



208A2C



8A207E

# 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.



CE3F8C



208A2C



4D71DE

# Square

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



208A2C



008DCA



A657BE



C45724

# Rectangle

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



208A2C



009089



A657BE



D73C68



# Sweetspot

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



208A2C



89B38E



7F8A20



405943



D9D9D9



595959



# Same Dimension

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



208A2C



0EB321



208A60



3E453F



00850F



000501



# Inverse Universe

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



8A207E



B30EA0



8A204A



453E44



850076

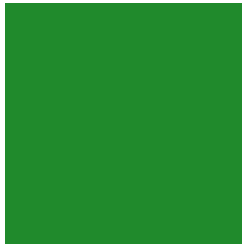


050005



# Previews

## White Background



This preview shows how the Hex color 208A2C looks on a white background.

## Color Contrast Check

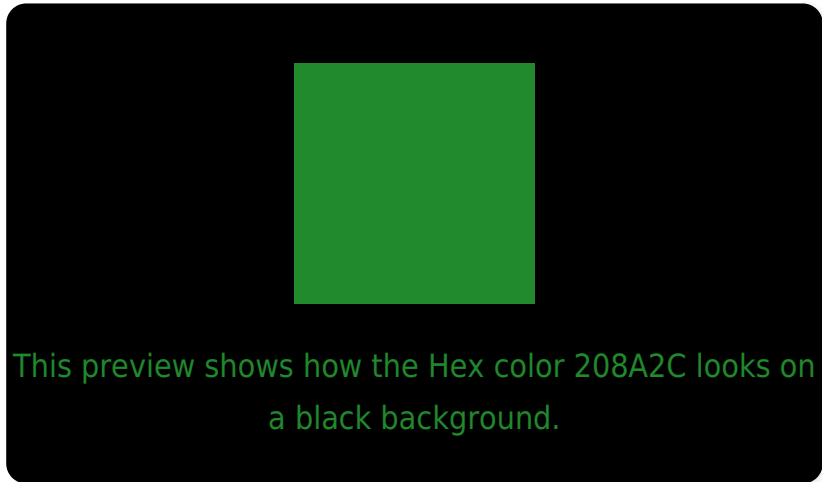
Large Text (above 18pt) WCAG AA ✓ Pass

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 208A2C Background



This preview shows how black text looks on a background with the Hex color 208A2C.



This preview shows how white text looks on a background with the Hex color 208A2C.

# 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**  
208A2C

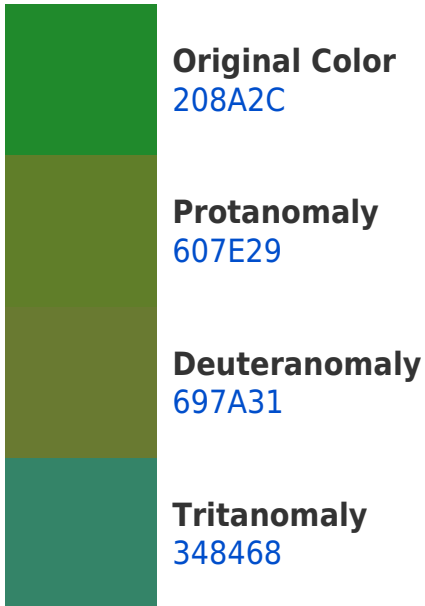
**Protanopia**  
857727

**Deuteranopia**  
937134

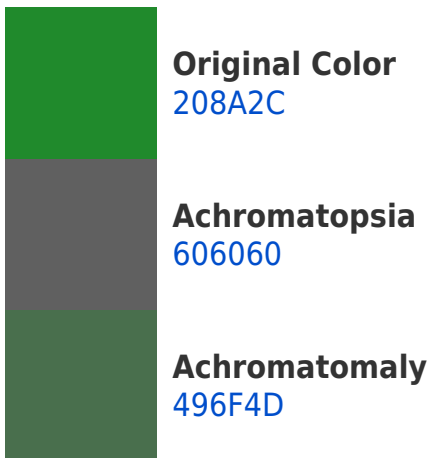


**Tritanopia**  
3F818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 208A2C 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 #208A2C looks like.

```
.text, #text, p{  
    color:#208A2C  
}
```

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 #208A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208A2C
}
```

## Border

The CSS property to change the border of an element to Hex 208A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

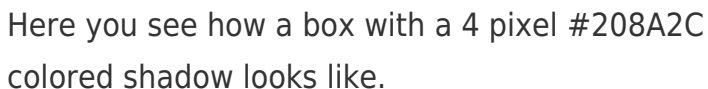
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#208A2C }
```

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

```
.border{ border-color:#208A2C }
```

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



Here you see how a box with a 4 pixel #208A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208A2C; -webkit-box-shadow:4px 4px  
4px 4px #208A2C; box-shadow:4px 4px 4px  
4px #208A2C }
```

# Background

The CSS property to change the background color of an element to Hex 208A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208A2C }
```

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

```
.background{ background-color:#208A2C }
```

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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