

# Converting Colors

Hex(208039)

Have a look what the booklet for  
Hex(208039) contains.

<b>Hex(208039)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(208039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	208039
RGB	32, 128, 57
RGB Percent	13%, 50%, 22%
CMY	0.8745, 0.4980, 0.7765
CMYK	0.75, 0.00, 0.55, 0.50
HSL	136°, 60%, 31%
HSV	136°, 75%, 50%
XYZ	9.0534, 16.0408, 6.4899
YIQ	91.2020, -34.4250, -42.4330

# Conversions

## Conversions Part 2

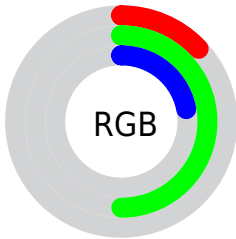
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 108, 128
Decimal	2129977
CIE <sub>Lab</sub>	47.03, -43.33, 30.54
CIE <sub>LCh</sub>	47, 53.010, 144.817
Yxy	16.0408, 0.2866, 0.5079
Android (android.graphics.Color)	4280320057 (0xFF208039)
YUV	91.2020, -16.8616, -51.9202
Hunter-Lab	40.0510, -29.7401, 18.4283

# Details

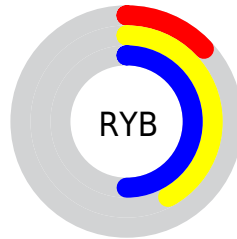
The Hex color **208039** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **802067**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5CB66A**, and **004D09** is the 20% darker color. If you saturate the color by 10%, you get **138030**, and if you desaturate by 10%, it is **2D8042**.

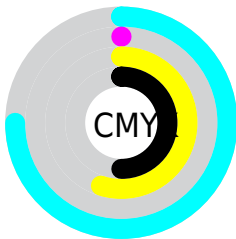
# Distribution



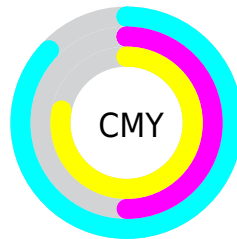
- Red (13%)
- Green (50%)
- Blue (22%)



- Red (13%)
- Yellow (42%)
- Blue (50%)



- Cyan (75%)
- Magenta (0%)
- Yellow (55%)
- Black (50%)



- Cyan (87%)
- Magenta (50%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 208039 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 208039 by changing the saturation by 10% instead.



 208039

 208039

FFFFFF

 006622

 5CB66A

 004D09

 77D284

 003500

 93EE9E

 002000

 B0FFB9

 000000

 CCFFD5

 E9FFF2

 208039

 208039

 138030

 2D8042

■ 068026

■ 3A804C

■ 008021

■ 468055

■ 53805F

■ 608068

■ 6D8072

■ 7A807B

■ 868085

■ 93808E

# Harmonies

## Analogous

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



617811



208039



008466

# Triad

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



208039



0077C9



BE474D

# Complementary

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



208039



802067

# 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.



BB4479



208039



6067C1

# Square

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



208039



0080B8



9E53A3



AC5926

# Rectangle

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



208039



008485



9E53A3



C0445B



# Sweetspot

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



208039



80A68A



688020



3D5443



D4D4D4



545454



# Same Dimension

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



208039



11A637



208068



39403B



008021



000000



# Inverse Universe

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



802067



A6117F



802038



40393E



80005E



000000



# Previews

## White Background



This preview shows how the Hex color 208039 looks on a white background.

## Color Contrast Check

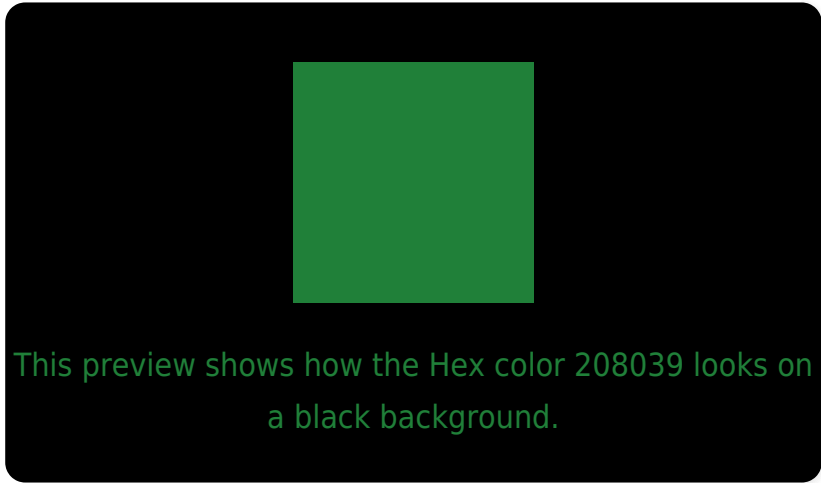
Large Text (above 18pt) WCAG AA ✓ Pass

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 208039 Background



This preview shows how black text looks on a background with the Hex color 208039.



This preview shows how white text looks on a background with the Hex color 208039.

# 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**  
208039

**Protanopia**  
7B6F34

**Deuteranopia**  
876A3F



**Tritanopia**  
3A7882

# Trichromacy



**Original Color**  
208039



**Protanomaly**  
5A7536



**Deuteranomaly**  
62723D



**Tritanomaly**  
317B67

# Monochromacy



**Original Color**  
208039



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
46684F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 208039 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 #208039 looks like.

```
.text, #text, p{  
    color:#208039  
}
```

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 #208039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208039
}
```

## Border

The CSS property to change the border of an element to Hex 208039 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
#208039 }
```

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

```
.border{ border-color:#208039 }
```

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

Here you see how a box with a 4 pixel #208039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208039; -webkit-box-shadow:4px 4px  
4px 4px #208039; box-shadow:4px 4px 4px  
4px #208039 }
```

# Background

The CSS property to change the background color of an element to Hex 208039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208039 }
```

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

```
.background{ background-color:#208039 }
```

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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