

# Converting Colors

Hex(208468)

Have a look what the booklet for  
Hex(208468) contains.

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# Color

Hex(208468)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	208468
RGB	32, 132, 104
RGB Percent	13%, 52%, 41%
CMY	0.8745, 0.4824, 0.5922
CMYK	0.76, 0.00, 0.21, 0.48
HSL	163°, 61%, 32%
HSV	163°, 76%, 52%
XYZ	11.3456, 17.8091, 15.9362
YIQ	98.9080, -50.6120, -29.9080

# Conversions

## Conversions Part 2

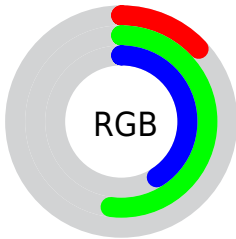
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>32, 90, 132</b>
Decimal	2131048
CIE <sub>Lab</sub>	49.26, -35.12, 7.12
CIE <sub>LCh</sub>	49, 35.837, 168.533
Yxy	17.8091, 0.2516, 0.3950
Android (android.graphics.Color)	4280321128 (0xFF208468)
YUV	98.9080, 2.5104, -58.6783
Hunter-Lab	42.2008, -25.8620, 7.1510

# Details

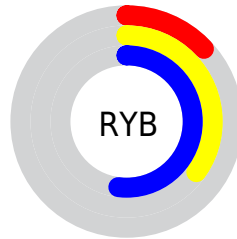
The Hex color **208468** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **84203C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5DBA9B**, and **005139** is the 20% darker color. If you saturate the color by 10%, you get **138464**, and if you desaturate by 10%, it is **2D846C**.

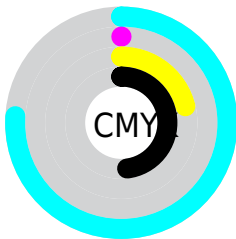
# Distribution



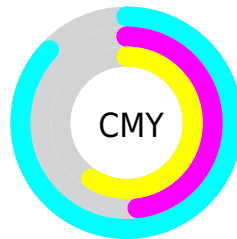
- Red (13%)
- Green (52%)
- Blue (41%)



- Red (13%)
- Yellow (35%)
- Blue (52%)



- Cyan (76%)
- Magenta (0%)
- Yellow (21%)
- Black (48%)



- Cyan (87%)
- Magenta (48%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 208468 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 208468 by changing the saturation by 10% instead.



 208468

 208468

FFFFFF

 006A50

 5DBA9B

 005139

 79D6B6

 003A23

 95F2D2

 00250E

 B1FFEE

 000000

 CEFFFF

 EBFFFF

 208468

 208468

 138464

 2D846C

068461

3A846F

00845F

488473

558477

62847A

6F847E

7C8482

8A8486

978489

# Harmonies

## Analogous

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



52804C



208468



008587

# Triad

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



208468



6572AF



A66449

# Complementary

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



208468



84203C

# 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.



AF5D63



208468



8F669E

# Square

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



208468



227CB0



A85D82



926F39

# Rectangle

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



208468



00839A



A85D82



AB6151



# Sweetspot

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



208468



84ABA0



3C8420



3E5750



D6D6D6



575757



# Same Dimension

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



208468



0FAB7F



206E84



3C4240



00825E



000302



# Inverse Universe

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



84203C



AB0F3B



843620



423C3E



820024



030001



# Previews

## White Background



This preview shows how the Hex color 208468 looks on a white background.

## Color Contrast Check

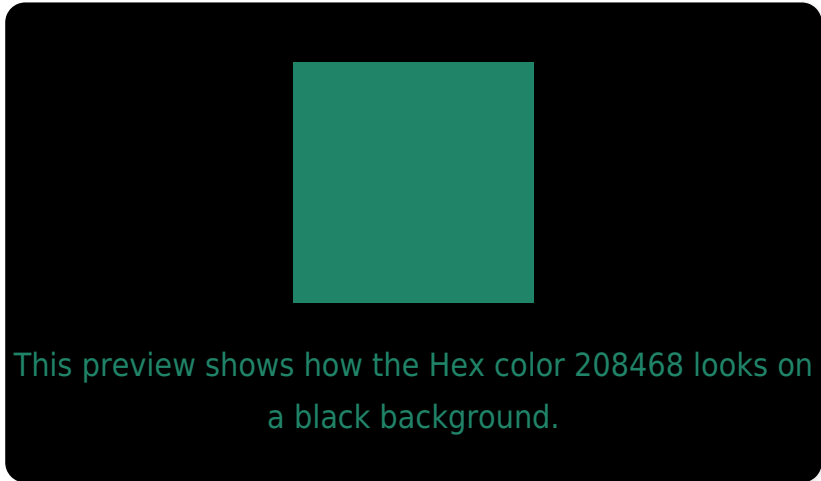
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

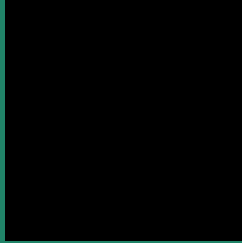
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 208468 Background



This preview shows how black text looks on a background with the Hex color 208468.

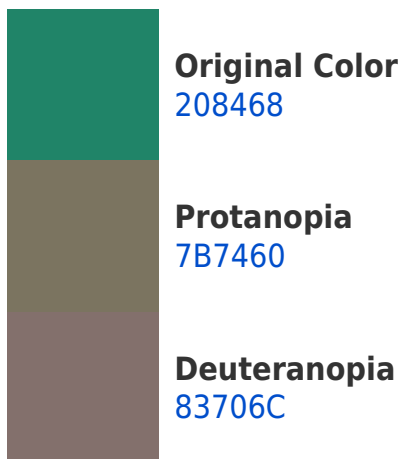


This preview shows how white text looks on a background with the Hex color 208468.

# 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





**Tritanopia**  
327F8A

# Trichromacy



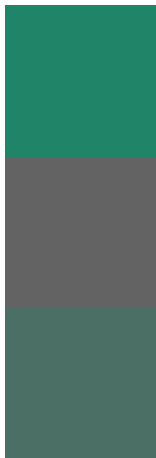
**Original Color**  
208468

**Protanomaly**  
5A7A63

**Deuteranomaly**  
5F776B

**Tritanomaly**  
2B817E

# Monochromacy



**Original Color**  
208468

**Achromatopsia**  
636363

**Achromatomaly**  
4B6F65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 208468 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 #208468 looks like.

```
.text, #text, p{  
    color:#208468  
}
```

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 #208468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208468
}
```

## Border

The CSS property to change the border of an element to Hex 208468 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
#208468 }
```

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

```
.border{ border-color:#208468 }
```

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

Here you see how a box with a 4 pixel #208468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208468; -webkit-box-shadow:4px 4px  
4px 4px #208468; box-shadow:4px 4px 4px  
4px #208468 }
```

# Background

The CSS property to change the background color of an element to Hex 208468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208468 }
```

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

```
.background{ background-color:#208468 }
```

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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