

# Converting Colors

Hex(238208)

Have a look what the booklet for  
Hex(238208) contains.

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**Color**

**Hex(238208)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	238208
RGB	35, 130, 8
RGB Percent	14%, 51%, 3%
CMY	0.8627, 0.4902, 0.9686
CMYK	0.73, 0.00, 0.94, 0.49
HSL	107°, 88%, 27%
HSV	107°, 94%, 51%
XYZ	8.7196, 16.3401, 2.9241
YIQ	87.6870, -17.4580, -58.0820

# Conversions

## Conversions Part 2

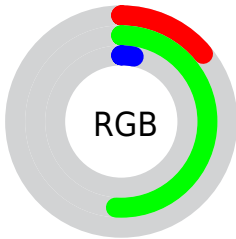
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 130, 103
Decimal	2327048
CIE <sub>Lab</sub>	47.42, -47.85, 49.45
CIE <sub>LCh</sub>	47, 68.807, 134.057
Yxy	16.3401, 0.3116, 0.5839
Android (android.graphics.Color)	4280517128 (0xFF238208)
YUV	87.6870, -39.2857, -46.2065
Hunter-Lab	40.4229, -32.2360, 24.0071

# Details

The Hex color **238208** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **670882**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **60B844**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **1D8200**, and if you desaturate by 10%, it is **2D8215**.

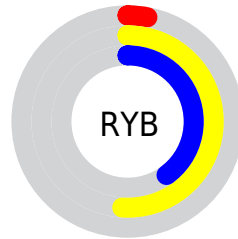
# Distribution



Red (14%)

Green (51%)

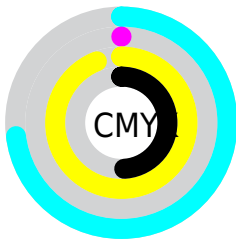
Blue (3%)



Red (3%)

Yellow (51%)

Blue (40%)

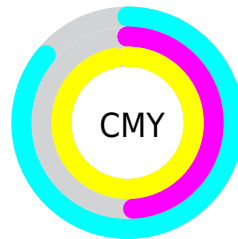


Cyan (73%)

Magenta (0%)

Yellow (94%)

Black (49%)



Cyan (86%)

Magenta (49%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 238208 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 238208 by changing the saturation by 10% instead.



 238208

 238208

FFFFFF

 006800

 60B844

 004F00

 7DD45E

 003700

 99F179

 002100

 B6FF94

 000000

 D3FFAF

 F0FFCB

 FFFFE8

 238208

 238208

■ 1D8200

■ 2D8215

■ 378222

■ 41822F

■ 4B823C

■ 568249

■ 608256

■ 6A8263

■ 748270

■ 7E827D

# Harmonies

## Analogous

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



6F7600



238208



00884E

# Triad

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



238208



0080E1



D52858

# Complementary

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



238208



670882

# 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.



C73092



238208



006FE2

# Square

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



238208



0088C0



9352C5



C64520

# Rectangle

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



238208



008977



9352C5



D4256B



# Sweetspot

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



238208



84A879



826608



3E5438



D4D4D4



545454



# Same Dimension

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



238208



25A800



088229



3B4039



1C8000



000000



# Inverse Universe

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



670882



8300A8



820861



3E3940



630080

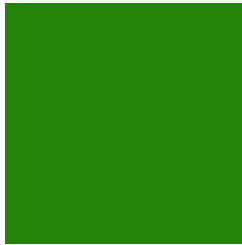


000000



# Previews

## White Background



This preview shows how the Hex color 238208 looks on a white background.

## Color Contrast Check

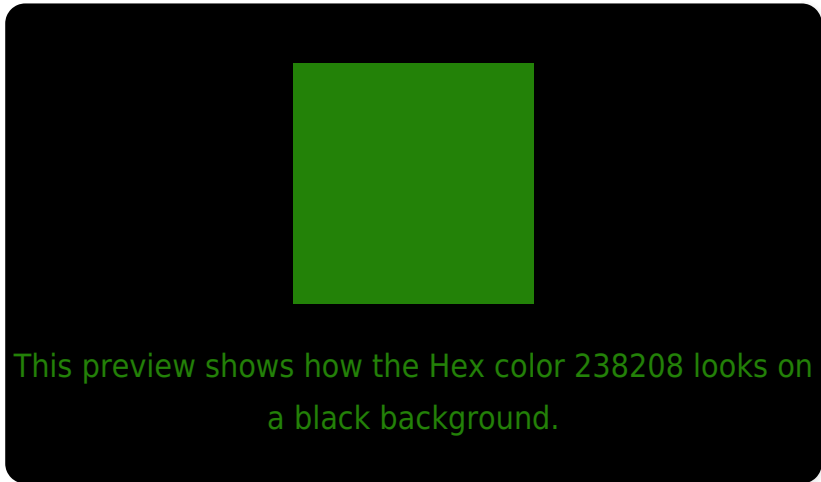
Large Text (above 18pt) WCAG AA ✓ Pass

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

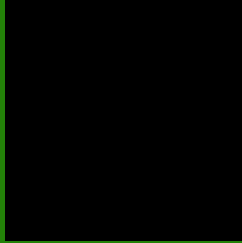
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 238208 Background



This preview shows how black text looks on a background with the Hex color 238208.



This preview shows how white text looks on a background with the Hex color 238208.

# 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**  
238208

**Protanopia**  
7E7000

**Deuteranopia**  
8D6A1D



**Tritanopia**  
3F7983

# Trichromacy



**Original Color**  
238208

**Protanomaly**  
5D7703

**Deuteranomaly**  
667315

**Tritanomaly**  
357C56

# Monochromacy



**Original Color**  
238208

**Achromatopsia**  
585858

**Achromatomaly**  
45673B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 238208 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 #238208 looks like.

```
.text, #text, p{  
    color:#238208  
}
```

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 #238208 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238208
}
```

## Border

The CSS property to change the border of an element to Hex 238208 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
#238208 }
```

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

```
.border{ border-color:#238208 }
```

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

Here you see how a box with a 4 pixel #238208 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238208; -webkit-box-shadow:4px 4px  
4px 4px #238208; box-shadow:4px 4px 4px  
4px #238208 }
```

# Background

The CSS property to change the background color of an element to Hex 238208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238208 }
```

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

```
.background{ background-color:#238208 }
```

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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