

# Converting Colors

Hex(588315)

Have a look what the booklet for  
Hex(588315) contains.

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**Color**

**Hex(588315)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	588315
RGB	88, 131, 21
RGB Percent	35%, 51%, 8%
CMY	0.6549, 0.4863, 0.9176
CMYK	0.33, 0.00, 0.84, 0.49
HSL	83°, 72%, 30%
HSV	83°, 84%, 51%
XYZ	12.2762, 18.3614, 3.6066
YIQ	105.6030, 9.6820, -43.3260

# Conversions

## Conversions Part 2

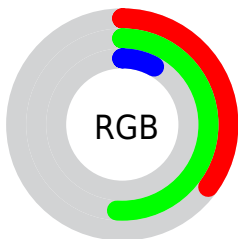
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 131, 64
Decimal	5800725
CIELab	49.93, -31.45, 49.44
CIElCh	50, 58.597, 122.455
Yxy	18.3614, 0.3585, 0.5362
Android (android.graphics.Color)	4283990805 (0xFF588315)
YUV	105.6030, -41.7093, -15.4378
Hunter-Lab	42.8503, -23.8495, 25.0049

# Details


The Hex color **588315** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **401583**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8EB84C**, and **245100** is the 20% darker color. If you saturate the color by 10%, you get **538308**, and if you desaturate by 10%, it is **5D8322**.

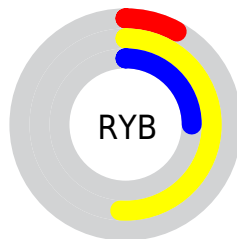
# Distribution



 Red (35%)

 Green (51%)

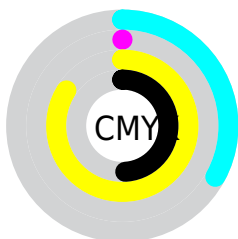
 Blue (8%)




 Red (8%)

 Yellow (51%)

 Blue (25%)

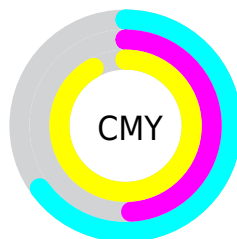


 Cyan (33%)

 Magenta (0%)

 Yellow (84%)

 Black (49%)



 Cyan (65%)

 Magenta (49%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 588315 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 588315 by changing the saturation by 10% instead.





588315



588315

FFFFFF



3E6A00



8EB84C



245100



A9D466



023A00



C6F180



002500



E3FF9B



000000



FFFFB7



FFFFD3



FFFFF0



588315



588315

■ 538308

■ 5D8322

■ 508300

■ 62832F

■ 67833C

■ 6C8349

■ 728356

■ 778364

■ 7C8371

■ 81837E

■ 86838B

# Harmonies

## Analogous

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



8B7600



588315



008A46

# Triad

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



588315



0088CF



CE4375

# Complementary

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



588315



401583

# 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.



B550A6



588315



007BDB

# Square

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



588315



008DAB



7B68CB



CB4D44

# Rectangle

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



588315



008D68



7B68CB



C94586



# Sweetspot

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



588315



9AAB80



833F15



4D573D



D6D6D6



575757



# Same Dimension

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



588315



68AB00



228315



40423C



4F8200



020300



# Inverse Universe

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



401583



4300AB



761583



3E3C42



330082



010003



# Previews

## White Background



This preview shows how the Hex color 588315 looks on a white background.

## Color Contrast Check

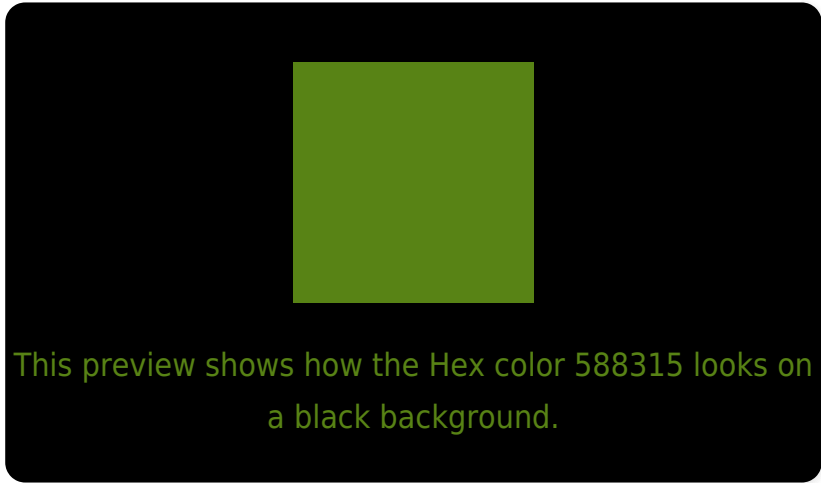
Large Text (above 18pt) WCAG AA ✓ Pass

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 588315 Background



This preview shows how black text looks on a background with the Hex color 588315.



This preview shows how white text looks on a background with the Hex color 588315.

# 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**  
588315

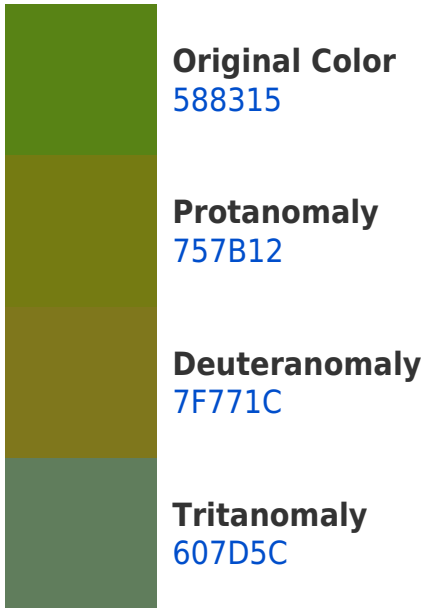
**Protanopia**  
857711

**Deuteranopia**  
957020

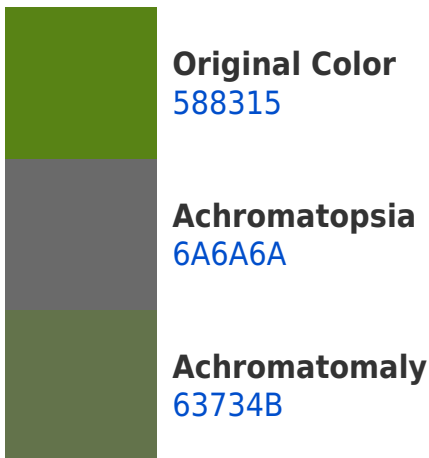


**Tritanopia**  
657A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 588315 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 #588315 looks like.

```
.text, #text, p{  
    color:#588315  
}
```

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 #588315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588315
}
```

## Border

The CSS property to change the border of an element to Hex 588315 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".

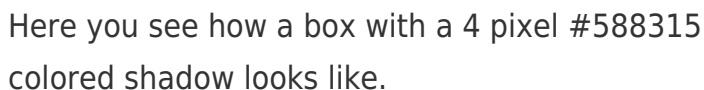
```
.border, #border, table{ border:4px solid
#588315 }
```

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

```
.border{ border-color:#588315 }
```

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

Here you see how a box with a 4 pixel #588315 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588315; -webkit-box-shadow:4px 4px  
4px 4px #588315; box-shadow:4px 4px 4px  
4px #588315 }
```

# Background

The CSS property to change the background color of an element to Hex 588315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588315 }
```

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

```
.background{ background-color:#588315 }
```

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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