

# Converting Colors

Hex(488300)

Have a look what the booklet for  
Hex(488300) contains.

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**Color**

**Hex(488300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	488300
RGB	72, 131, 0
RGB Percent	28%, 51%, 0%
CMY	0.7176, 0.4863, 1.0000
CMYK	0.45, 0.00, 1.00, 0.49
HSL	87°, 100%, 26%
HSV	87°, 100%, 51%
XYZ	10.7888, 17.6103, 2.8305
YIQ	98.4250, 6.8870, -53.2490

# Conversions

## Conversions Part 2

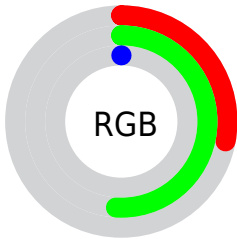
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 131, 59
Decimal	4752128
CIELab	49.02, -38.17, 52.86
CIELCh	49, 65.196, 125.832
Yxy	17.6103, 0.3455, 0.5639
Android (android.graphics.Color)	4282942208 (0xFF488300)
YUV	98.4250, -48.5235, -23.1747
Hunter-Lab	41.9646, -27.5472, 25.3762

# Details

The Hex color **488300** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3B0083**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7FB941**, and **0B5100** is the 20% darker color. If you saturate the color by 10%, you get **488300**, and if you desaturate by 10%, it is **4E830D**.

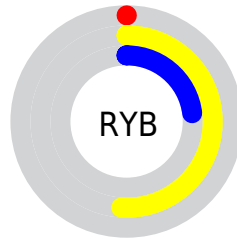
# Distribution



Red (28%)

Green (51%)

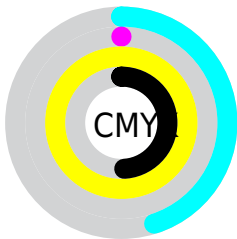
Blue (0%)



Red (0%)

Yellow (51%)

Blue (23%)

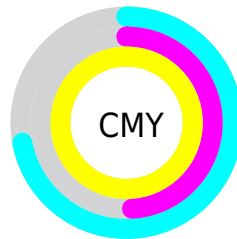


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (72%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488300 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 488300 by changing the saturation by 10% instead.



 488300

 488300

FFFFFF

 2C6900

 7FB941

 0B5100

 9AD45C

 003900

 B7F176

 002500

 D3FF91

 000000

 F1FFAD

 FFFFC9

 FFFFEE

 488300

 4E830D

 54831A

 5A8327

 608334

 668342

 6B834F

 71835C

 778369

 7D8376

# Harmonies

## Analogous

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



837600



488300



008A44

# Triad

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



488300



0086DA



D5346C

# Complementary

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



488300



3B0083

# 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.



BE43A3



488300



0078E3

# Square

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



488300



008CB4



8160CF



CD4537

# Rectangle

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



488300



008C6B



8160CF



D1357F



# Sweetspot

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



488300



94AB78



833B00



495737



D6D6D6



575757



# Same Dimension

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



488300



5EAB00



078300



3F423C



478200



010300



# Inverse Universe

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



3B0083



4D00AB



7C0083



3F3C42



3B0082



010003



# Previews

## White Background



This preview shows how the Hex color 488300 looks on a white background.

## Color Contrast Check

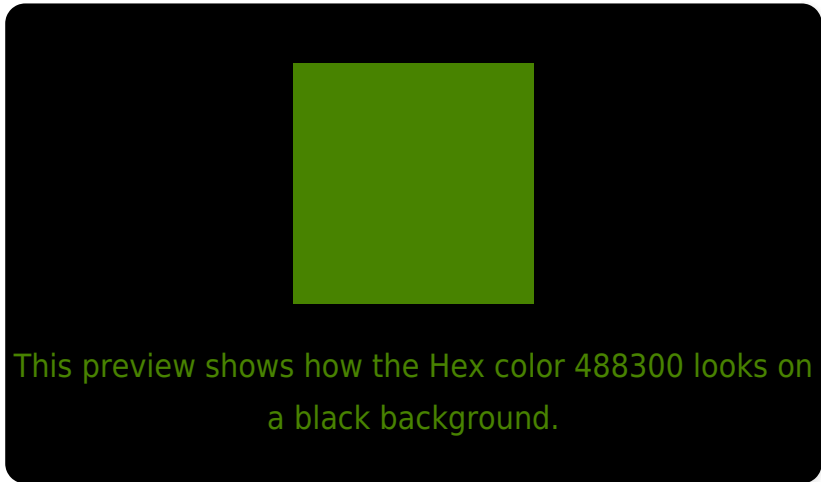
Large Text (above 18pt) WCAG AA ✓ Pass

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 488300 Background



This preview shows how black text looks on a background with the Hex color 488300.



This preview shows how white text looks on a background with the Hex color 488300.

# 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**  
488300

**Protanopia**  
837400

**Deuteranopia**  
926E1A



**Tritanopia**  
587A84

# Trichromacy



**Original Color**  
488300

**Protanomaly**  
6E7900

**Deuteranomaly**  
777611

**Tritanomaly**  
527D54

# Monochromacy



**Original Color**  
488300

**Achromatopsia**  
626262

**Achromatomaly**  
596E3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488300 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 #488300 looks like.

```
.text, #text, p{  
    color:#488300  
}
```

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 #488300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488300
}
```

## Border

The CSS property to change the border of an element to Hex 488300 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
#488300 }
```

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

```
.border{ border-color:#488300 }
```

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

Here you see how a box with a 4 pixel #488300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488300; -webkit-box-shadow:4px 4px  
4px 4px #488300; box-shadow:4px 4px 4px  
4px #488300 }
```

# Background

The CSS property to change the background color of an element to Hex 488300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488300 }
```

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

```
.background{ background-color:#488300 }
```

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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