

# Converting Colors

Hex(648330)

Have a look what the booklet for  
Hex(648330) contains.

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**Color**

**Hex(648330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	648330
RGB	100, 131, 48
RGB Percent	39%, 51%, 19%
CMY	0.6078, 0.4863, 0.8118
CMYK	0.24, 0.00, 0.63, 0.49
HSL	82°, 46%, 35%
HSV	82°, 63%, 51%
XYZ	13.9053, 19.1553, 5.7608
YIQ	112.2690, 8.1670, -32.3850

# Conversions

## Conversions Part 2

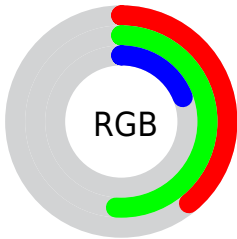
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 131, 79
Decimal	6587184
CIELab	50.87, -24.76, 40.21
CIELCh	51, 47.223, 121.629
Yxy	19.1553, 0.3582, 0.4934
Android (android.graphics.Color)	4284777264 (0xFF648330)
YUV	112.2690, -31.6846, -10.7599
Hunter-Lab	43.7668, -19.8799, 22.8328

# Details

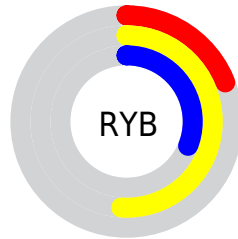
The Hex color **648330** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4F3083**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **99B862**, and **325100** is the 20% darker color. If you saturate the color by 10%, you get **5F8323**, and if you desaturate by 10%, it is **69833D**.

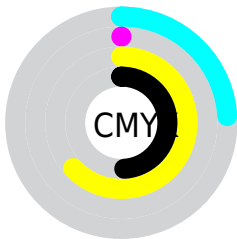
# Distribution



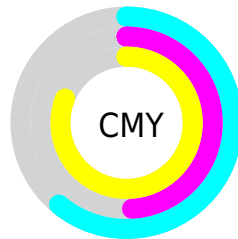
- Red (39%)
- Green (51%)
- Blue (19%)



- Red (19%)
- Yellow (51%)
- Blue (31%)



- Cyan (24%)
- Magenta (0%)
- Yellow (63%)
- Black (49%)



- Cyan (61%)
- Magenta (49%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 648330 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 648330 by changing the saturation by 10% instead.





648330



648330

FFFFFF



4A6A17



99B862



325100



B5D47C



1A3A00



D1F096



002500



EEFFB1



000600



FFFBCD



000000



FFFEEA



648330



648330



5F8323



69833D

■ 5A8316

■ 6E834A

■ 558309

■ 738357

■ 528300

■ 788364

■ 7C8372

■ 81837F

■ 86838C

■ 8B8399

■ 9083A6

# Harmonies

## Analogous

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



8D7822



648330



288A51

# Triad

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



648330



0087BF



C15479

# Complementary

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



648330



4F3083

# 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.



AC5DA0



648330



1E7DCA

# Square

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



648330



008CA2



7D6EBE



C05A51

# Rectangle

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



648330



008C6C



7D6EBE



BD5686



# Sweetspot

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



648330



9FAB8A



834E30



4F5743



D6D6D6



575757



# Same Dimension

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



648330



7AAB29



3B8330



40423C



518200



020300



# Inverse Universe

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



4F3083



5A29AB



783083



3E3C42



310082



010003



# Previews

## White Background



This preview shows how the Hex color 648330 looks on a white background.

## Color Contrast Check

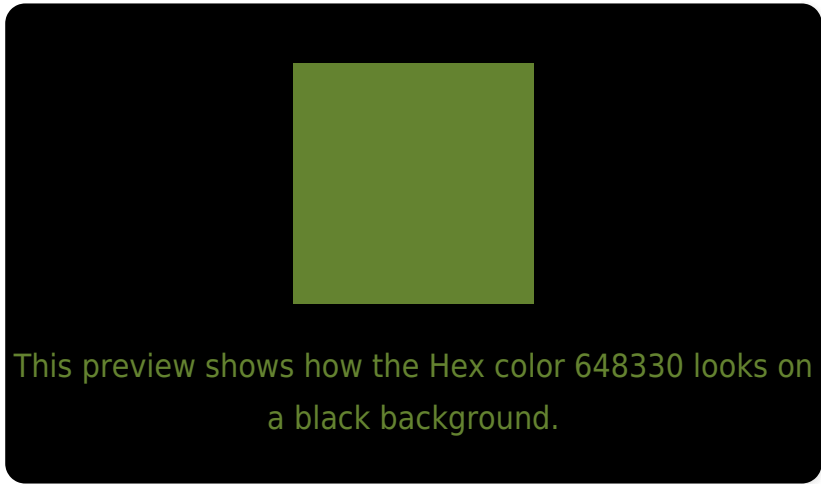
Large Text (above 18pt) WCAG AA ✓ Pass

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 648330 Background



This preview shows how black text looks on a background with the Hex color 648330.



This preview shows how white text looks on a background with the Hex color 648330.

# 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**  
6F7B84

# Trichromacy



**Original Color**  
648330

**Protanomaly**  
7A7D2E

**Deuteranomaly**  
847933

**Tritanomaly**  
6B7E65

# Monochromacy



**Original Color**  
648330

**Achromatopsia**  
707070

**Achromatomaly**  
6C7759

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 648330 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 #648330 looks like.

```
.text, #text, p{  
    color:#648330  
}
```

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 #648330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648330
}
```

## Border

The CSS property to change the border of an element to Hex 648330 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
#648330 }
```

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

```
.border{ border-color:#648330 }
```

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

Here you see how a box with a 4 pixel #648330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648330; -webkit-box-shadow:4px 4px  
4px 4px #648330; box-shadow:4px 4px 4px  
4px #648330 }
```

# Background

The CSS property to change the background color of an element to Hex 648330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648330 }
```

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

```
.background{ background-color:#648330 }
```

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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