

Converting Colors

Hex(648513)

Have a look what the booklet for
Hex(648513) contains.

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Color

Hex(648513)

Conversions

Conversions Part 1

Format	Color
Hex	648513
RGB	100, 133, 19
RGB Percent	39%, 52%, 7%
CMY	0.6078, 0.4784, 0.9255
CMYK	0.25, 0.00, 0.86, 0.48
HSL	77°, 75%, 30%
HSV	77°, 86%, 52%
XYZ	13.7606, 19.5314, 3.6608
YIQ	110.1370, 16.9260, -42.4500

Conversions

Conversions Part 2

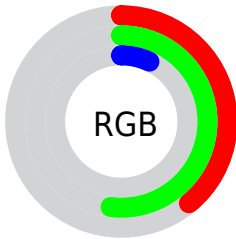
Format	Color
R_{YB}	19, 133, 52
Decimal	6587667
CIE Lab	51.30, -27.56, 51.49
CIE LCh	51, 58.399, 118.154
Yxy	19.5314, 0.3724, 0.5286
Android (android.graphics.Color)	4284777747 (0xFF648513)
YUV	110.1370, -44.9305, -8.8901
Hunter-Lab	44.1943, -21.7613, 26.0248

Details

The Hex color **648513** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **341385**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9ABA4B**, and **305300** is the 20% darker color. If you saturate the color by 10%, you get **608506**, and if you desaturate by 10%, it is **688520**.

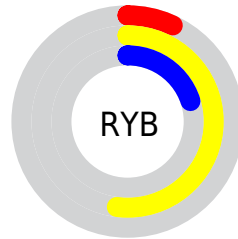
Distribution



Red (39%)

Green (52%)

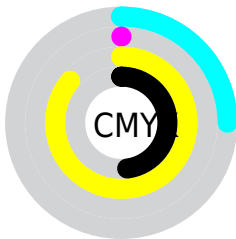
Blue (7%)



Red (7%)

Yellow (52%)

Blue (20%)

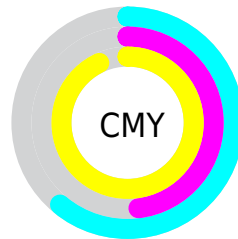


Cyan (25%)

Magenta (0%)

Yellow (86%)

Black (48%)



Cyan (61%)

Magenta (48%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648513 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 648513 by changing the saturation by 10% instead.



648513



648513

FFFFFF



4A6C00



9ABA4B



305300



B6D665



143C00



D3F280



002600



F0FF9B



000900



FFFFB7



000000



FFFFD3



FFFFF0



648513



648513

■ 608506

■ 688520

■ 5E8500

■ 6C852E

■ 70853B

■ 738548

■ 778556

■ 7B8563

■ 7F8570

■ 83857D

■ 87858B

Harmonies

Analogous

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



957700



648513



028D42

Triad

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



648513



008CCF



D0477F

Complementary

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



648513



341385

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.



B357B0



648513



0081DE

Square

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



648513



0091A8



736ED3



D14E4E

Rectangle

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



648513



009064



736ED3



CA4B90

Sweetspot

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



648513



A0AD80



853313



4F573C



D6D6D6



575757

Same Dimension

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



648513



7BAD00



2C8513



40423C



5C8200



020300

Inverse Universe

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



341385



3200AD



6C1385



3E3C42



260082



010003

Previews

White Background



This preview shows how the Hex color 648513 looks on a white background.

Color Contrast Check

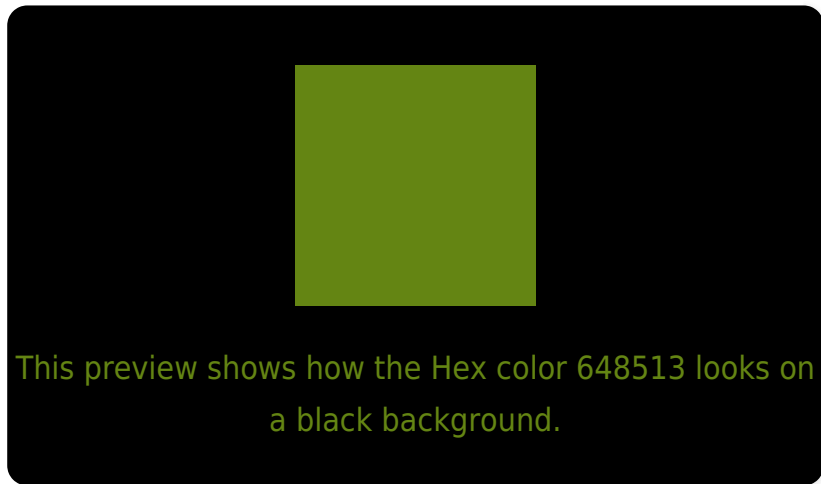
Large Text (above 18pt) WCAG AA ✓ Pass

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 648513 Background



This preview shows how black text looks on a background with the Hex color 648513.



This preview shows how white text looks on a background with the Hex color 648513.

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](#).

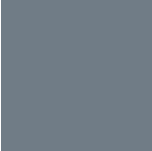
Dichromacy



Original Color
648513

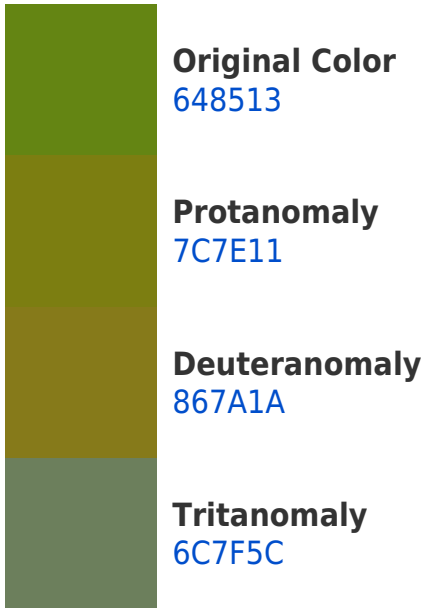
Protanopia
897A10

Deuteranopia
99741E

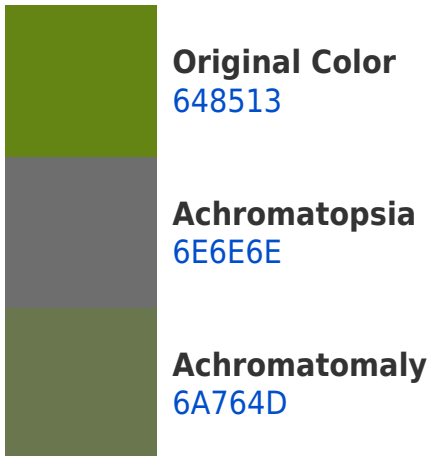


Tritanopia
707C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 648513 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 #648513 looks like.

```
.text, #text, p{  
    color:#648513  
}
```

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 #648513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648513
}
```

Border

The CSS property to change the border of an element to Hex 648513 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
#648513 }
```

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

```
.border{ border-color:#648513 }
```

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

Here you see how a box with a 4 pixel #648513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648513; -webkit-box-shadow:4px 4px  
4px 4px #648513; box-shadow:4px 4px 4px  
4px #648513 }
```

Background

The CSS property to change the background color of an element to Hex 648513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648513 }
```

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

```
.background{ background-color:#648513 }
```

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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