

Converting Colors

Hex(648413)

Have a look what the booklet for
Hex(648413) contains.

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Color

Hex(648413)

Conversions

Conversions Part 1

Format	Color
Hex	648413
RGB	100, 132, 19
RGB Percent	39%, 52%, 7%
CMY	0.6078, 0.4824, 0.9255
CMYK	0.24, 0.00, 0.86, 0.48
HSL	77°, 75%, 30%
HSV	77°, 86%, 52%
XYZ	13.6243, 19.2589, 3.6154
YIQ	109.5500, 17.2010, -41.9270

Conversions

Conversions Part 2

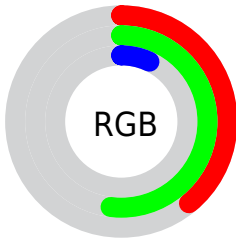
Format	Color
RYB	19, 132, 51
Decimal	6587411
CIELab	50.99, -27.07, 51.22
CIElCh	51, 57.929, 117.858
Yxy	19.2589, 0.3733, 0.5277
Android (android.graphics.Color)	4284777491 (0xFF648413)
YUV	109.5500, -44.6411, -8.3753
Hunter-Lab	43.8849, -21.3822, 25.8350

Details

The Hex color **648413** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **331384**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9AB94B**, and **315200** is the 20% darker color. If you saturate the color by 10%, you get **608406**, and if you desaturate by 10%, it is **688420**.

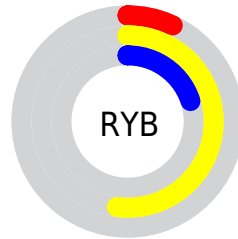
Distribution



Red (39%)

Green (52%)

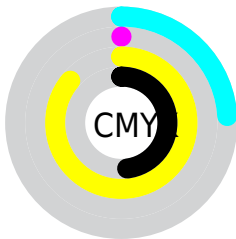
Blue (7%)



Red (7%)

Yellow (52%)

Blue (20%)

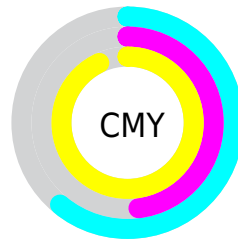


Cyan (24%)

Magenta (0%)

Yellow (86%)

Black (48%)



Cyan (61%)

Magenta (48%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648413 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 648413 by changing the saturation by 10% instead.



648413



648413

FFFFFF



4A6B00



9AB94B



315200



B6D565



153B00



D3F180



002500



F0FF9B



000700



FFFFB7



000000



FFFFD3



FFFFFF0



648413



648413

 608406

 688420

 5F8400

 6B842D

 6F843B

 738448

 778455

 7A8462

 7E846F

 82847D

 86848A

Harmonies

Analogous

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



947600



648413



078C42

Triad

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



648413



008BCD



CE477F

Complementary

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



648413



331384

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.



B157AF



648413



0080DD

Square

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



648413



0090A6



716ED1



CF4E4E

Rectangle

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



648413



008F63



716ED1



C84B90

Sweetspot

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



648413



9EAB7E



843113



4F573C



D6D6D6



575757

Same Dimension

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



648413



7AAB00



2D8413



40423C



5D8200



020300

Inverse Universe

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



331384



3000AB



6A1384



3E3C42



250082



010003

Previews

White Background



This preview shows how the Hex color 648413 looks on a white background.

Color Contrast Check

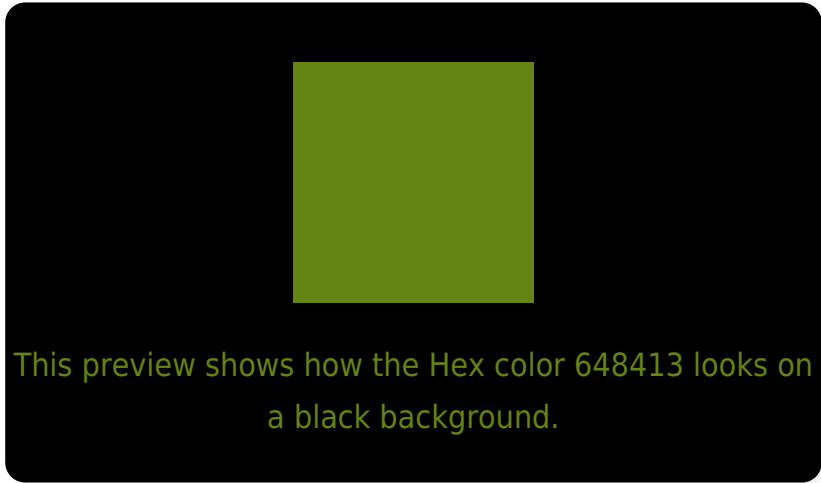
Large Text (above 18pt) WCAG AA ✓ Pass

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 648413 Background



This preview shows how black text looks on a background with the Hex color 648413.



This preview shows how white text looks on a background with the Hex color 648413.

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
707B85

Trichromacy



Original Color
648413

Protanomaly
7C7D11

Deuteranomaly
85791A

Tritanomaly
6C7E5C

Monochromacy



Original Color
648413

Achromatopsia
6E6E6E

Achromatomaly
6A764D

CSS Examples

Text

The CSS property to change the color of the text to Hex 648413 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 #648413 looks like.

```
.text, #text, p{  
    color:#648413  
}
```

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 #648413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648413
}
```

Border

The CSS property to change the border of an element to Hex 648413 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
#648413 }
```

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

```
.border{ border-color:#648413 }
```

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

Here you see how a box with a 4 pixel #648413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648413; -webkit-box-shadow:4px 4px  
4px 4px #648413; box-shadow:4px 4px 4px  
4px #648413 }
```

Background

The CSS property to change the background color of an element to Hex 648413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648413 }
```

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

```
.background{ background-color:#648413 }
```

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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