

Converting Colors

Hex(648902)

Have a look what the booklet for
Hex(648902) contains.

Hex(648902)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(648902)

Conversions

Conversions Part 1

Format	Color
Hex	648902
RGB	100, 137, 2
RGB Percent	39%, 54%, 1%
CMY	0.6078, 0.4627, 0.9922
CMYK	0.27, 0.00, 0.99, 0.46
HSL	76°, 97%, 27%
HSV	76°, 99%, 54%
XYZ	14.2121, 20.6050, 3.2855
YIQ	110.5470, 21.2830, -49.8290

Conversions

Conversions Part 2

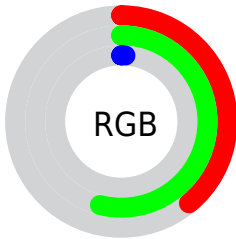
Format	Color
R_{YB}	2, 137, 39
Decimal	6588674
CIE _{Lab}	52.51, -29.94, 55.86
CIE _{LCh}	53, 63.379, 118.186
Yxy	20.6050, 0.3730, 0.5408
Android (android.graphics.Color)	4284778754 (0xFF648902)
YUV	110.5470, -53.5137, -9.2497
Hunter-Lab	45.3928, -23.5503, 27.4835

Details

The Hex color **648902** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **270289**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9BBF44**, and **305700** is the 20% darker color. If you saturate the color by 10%, you get **638900**, and if you desaturate by 10%, it is **688910**.

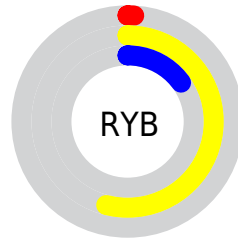
Distribution



Red (39%)

Green (54%)

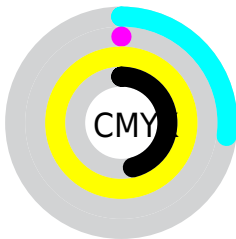
Blue (1%)



Red (1%)

Yellow (54%)

Blue (15%)

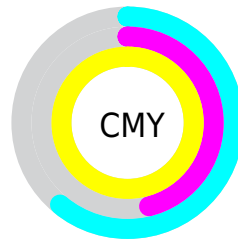


Cyan (27%)

Magenta (0%)

Yellow (99%)

Black (46%)



Cyan (61%)

Magenta (46%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648902 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 648902 by changing the saturation by 10% instead.

 648902

 648902

FFFFFF

 496F00

 9BBF44

 305700

 B7DA5F

 113F00

 D4F77A

 002900

 F1FF95

 001000

 FFFFB1

 000000

 FFFFCD

 FFFFEA

 648902

 648902

■ 638900

■ 688910

■ 6C891D

■ 6F892B

■ 738939

■ 778946

■ 7B8954

■ 7E8962

■ 828970

■ 86897D

Harmonies

Analogous

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



997A00



648902



009240

Triad

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



648902



0091D9



DA4383

Complementary

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



648902



270289

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.



BB56B8



648902



0085EB

Square

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



648902



0096AF



7470DE



DA4B4D

Rectangle

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



648902



009565



7470DE



D34795

Sweetspot

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



648902



A4B37D



892602



505939



D9D9D9



595959

Same Dimension

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



648902



82B300



228902



43453E



608500



040500

Inverse Universe

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



270289



3100B3



6A0289



403E45



240085



010005

Previews

White Background



This preview shows how the Hex color 648902 looks on a white background.

Color Contrast Check

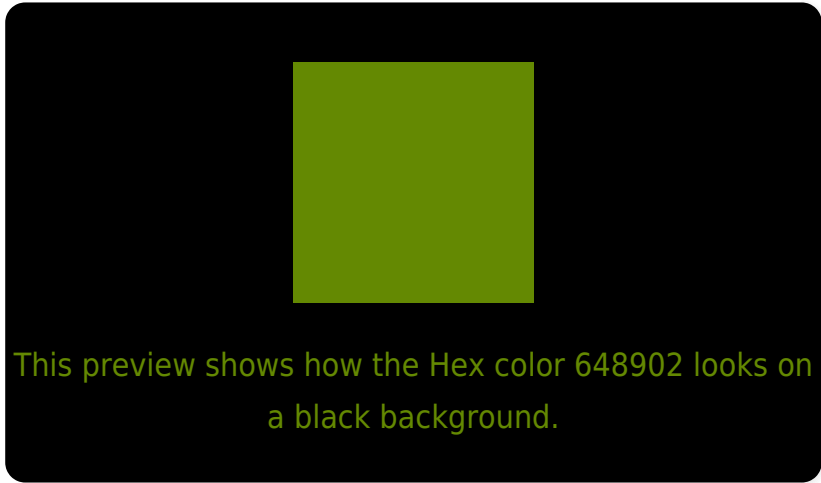
Large Text (above 18pt) WCAG AA ✓ Pass

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 648902 Background



This preview shows how black text looks on a background with the Hex color 648902.



This preview shows how white text looks on a background with the Hex color 648902.

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
648902

Protanopia
8D7D00

Deuteranopia
9E771A

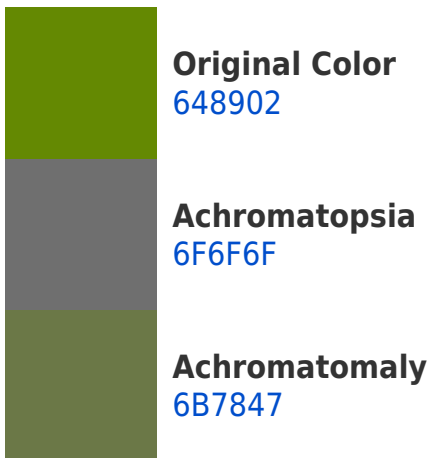


Tritanopia
717F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 648902 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 #648902 looks like.

```
.text, #text, p{  
    color:#648902  
}
```

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 #648902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648902
}
```

Border

The CSS property to change the border of an element to Hex 648902 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
#648902 }
```

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

```
.border{ border-color:#648902 }
```

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

Here you see how a box with a 4 pixel #648902 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648902; -webkit-box-shadow:4px 4px  
4px 4px #648902; box-shadow:4px 4px 4px  
4px #648902 }
```

Background

The CSS property to change the background color of an element to Hex 648902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648902 }
```

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

```
.background{ background-color:#648902 }
```

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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