

# Converting Colors

Hex(649916)

Have a look what the booklet for  
Hex(649916) contains.

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**Color**

**Hex(649916)**

# Conversions

## Conversions Part 1

Format	Color
Hex	649916
RGB	100, 153, 22
RGB Percent	39%, 60%, 9%
CMY	0.6078, 0.4000, 0.9137
CMYK	0.35, 0.00, 0.86, 0.40
HSL	84°, 75%, 34%
HSV	84°, 86%, 60%
XYZ	16.7916, 25.5497, 4.8056
YIQ	122.2190, 10.4630, -51.9770

# Conversions

## Conversions Part 2

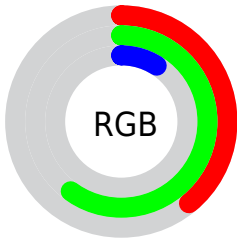
<b>Format</b>	<b>Color</b>
<b>RYB</b>	22, 153, 75
Decimal	6592790
CIELab	57.61, -36.72, 56.23
CIELCh	58, 67.155, 123.143
Yxy	25.5497, 0.3562, 0.5419
Android (android.graphics.Color)	4284782870 (0xFF649916)
YUV	122.2190, -49.4080, -19.4861
Hunter-Lab	50.5467, -29.1592, 29.7458

# Details

The Hex color **649916** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4B1699**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9BD050**, and **2D6500** is the 20% darker color. If you saturate the color by 10%, you get **5E9907**, and if you desaturate by 10%, it is **6A9925**.

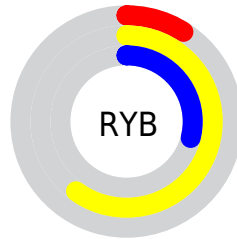
# Distribution



Red (39%)

Green (60%)

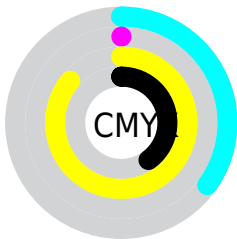
Blue (9%)



Red (9%)

Yellow (60%)

Blue (29%)

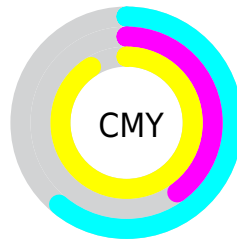


Cyan (35%)

Magenta (0%)

Yellow (86%)

Black (40%)



Cyan (61%)

Magenta (40%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 649916 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 649916 by changing the saturation by 10% instead.





649916



649916

FFFFFF



497F00



9BD050



2D6500



B8EC6B



0C4D00



D4FF86



003600



F2FFA2



002200



FFFFBE



000000



FFFDB



FFFFF8



649916



649916

■ 5E9907

■ 6A9925

■ 5B9900

■ 709935

■ 779944

■ 7D9953

■ 839963

■ 899972

■ 8F9981

■ 969990

■ 9C99A0

# Harmonies

## Analogous

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



A08A00



649916



00A152

# Triad

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



649916



009EF3



F14C87

# Complementary

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



649916



4B1699

# 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.



D55CC0



649916



0090FF

# Square

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



649916



00A4C9



9178ED



EC594E

# Rectangle

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



649916



00A47A



9178ED



EC4E9A



# Sweetspot

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



649916



B2C793



994A16



576345



E3E3E3



636363



# Same Dimension

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



649916



76C700



239916



494D45



548C00



080D00



# Inverse Universe

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



4B1699



5000C7



8C1699



48454D



39008C



05000D



# Previews

## White Background



This preview shows how the Hex color 649916 looks on a white background.

## Color Contrast Check

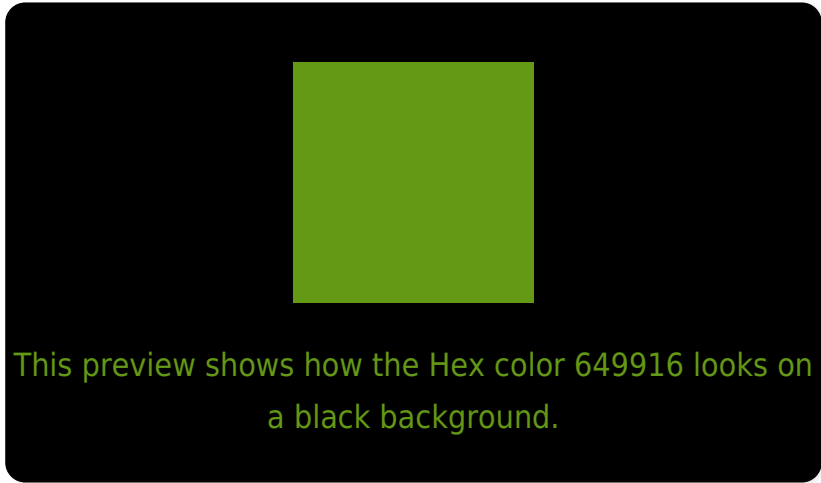
Large Text (above 18pt) WCAG AA ✓ Pass

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 649916 Background



This preview shows how black text looks on a background with the Hex color 649916.



This preview shows how white text looks on a background with the Hex color 649916.

# 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**  
649916

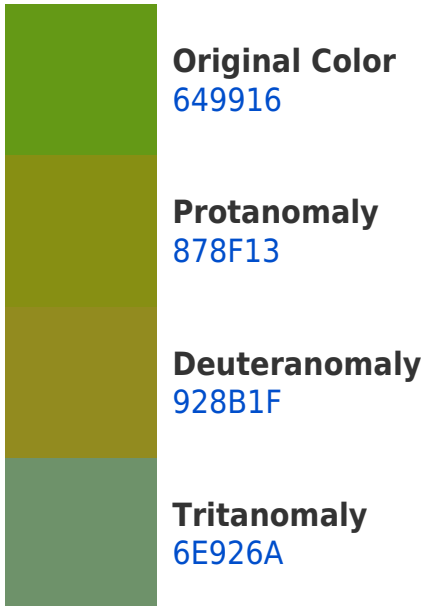
**Protanopia**  
9B8A11

**Deuteranopia**  
AD8324



**Tritanopia**  
748E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 649916 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 #649916 looks like.

```
.text, #text, p{  
    color:#649916  
}
```

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 #649916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649916
}
```

## Border

The CSS property to change the border of an element to Hex 649916 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
#649916 }
```

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

```
.border{ border-color:#649916 }
```

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

Here you see how a box with a 4 pixel #649916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649916; -webkit-box-shadow:4px 4px  
4px 4px #649916; box-shadow:4px 4px 4px  
4px #649916 }
```

# Background

The CSS property to change the background color of an element to Hex 649916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649916 }
```

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

```
.background{ background-color:#649916 }
```

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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