

# Converting Colors

Hex(719316)

Have a look what the booklet for  
Hex(719316) contains.

<b>Hex(719316)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(719316)**

# Conversions

## Conversions Part 1

Format	Color
Hex	719316
RGB	113, 147, 22
RGB Percent	44%, 58%, 9%
CMY	0.5569, 0.4235, 0.9137
CMYK	0.23, 0.00, 0.85, 0.42
HSL	76°, 74%, 33%
HSV	76°, 85%, 58%
XYZ	17.3886, 24.4361, 4.5592
YIQ	122.5840, 19.8610, -46.0830

# Conversions

## Conversions Part 2

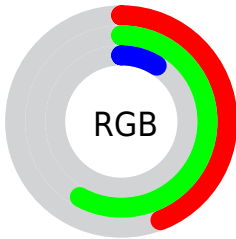
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	22, 147, 56
Decimal	7443222
CIE Lab	56.52, -28.75, 55.59
CIE LCh	57, 62.582, 117.349
Yxy	24.4361, 0.3749, 0.5268
Android (android.graphics.Color)	4285633302 (0xFF719316)
YUV	122.5840, -49.5879, -8.4052
Hunter-Lab	49.4329, -23.7180, 29.1347

# Details

The Hex color **719316** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **381693**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A8C950**, and **3C6000** is the 20% darker color. If you saturate the color by 10%, you get **6D9307**, and if you desaturate by 10%, it is **759325**.

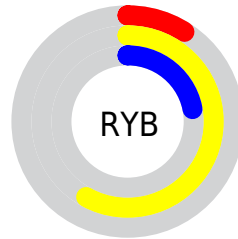
# Distribution



Red (44%)

Green (58%)

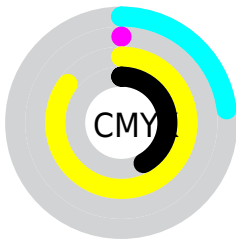
Blue (9%)



Red (9%)

Yellow (58%)

Blue (22%)

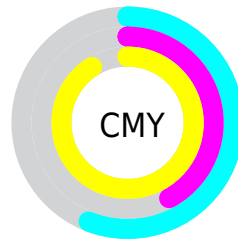


Cyan (23%)

Magenta (0%)

Yellow (85%)

Black (42%)



Cyan (56%)

Magenta (42%)


Yellow (91%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 719316 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 719316 by changing the saturation by 10% instead.



 719316

 719316

FFFFFF

 567900


 A8C950

 3C6000

 C5E56A

 214800

 E2FF85

 013100

 FFFFA1

 001F00

 FFFFBD

 000000

 FFFFD9

 FFFFF6

 719316

 719316

■ 6D9307

■ 759325

■ 6B9300

■ 799333

■ 7D9342

■ 819351

■ 859360

■ 89936E

■ 8D937D

■ 91938C

■ 95939A

# Harmonies

## Analogous

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



A68300



719316



109C49

# Triad

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



719316



009CE3



E5518F

# Complementary

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



719316



381693

# 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.



C462C3



719316



0090F5

# Square

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



719316



00A0B8



7D7BE9



E65759

# Rectangle

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



719316



009F6E



7D7BE9



DE54A1



# Sweetspot

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



719316



B2BF8E



933716



596143



E0E0E0



616161



# Same Dimension

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



719316



8BBF00



339316



484A43



648A00



070A00



# Inverse Universe

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



381693



3400BF



761693



45434A



25008A



03000A



# Previews

## White Background



This preview shows how the Hex color 719316 looks on a white background.

## Color Contrast Check

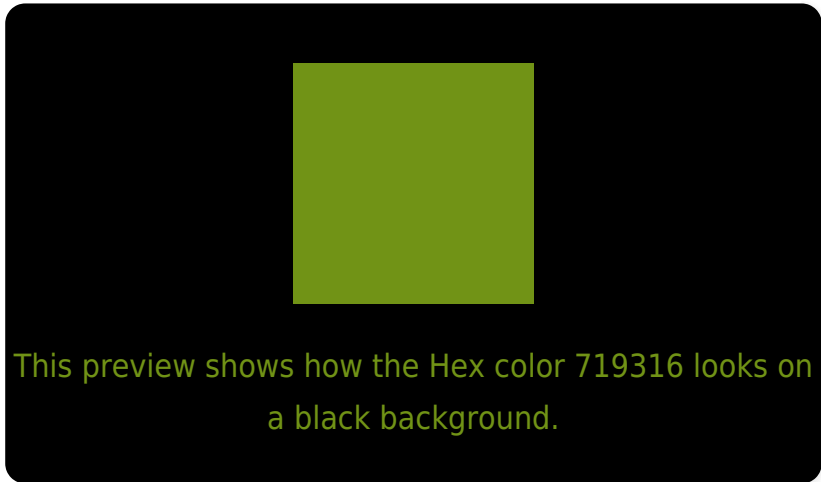
Large Text (above 18pt) WCAG AA ✓ Pass

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 719316 Background



This preview shows how black text looks on a background with the Hex color 719316.

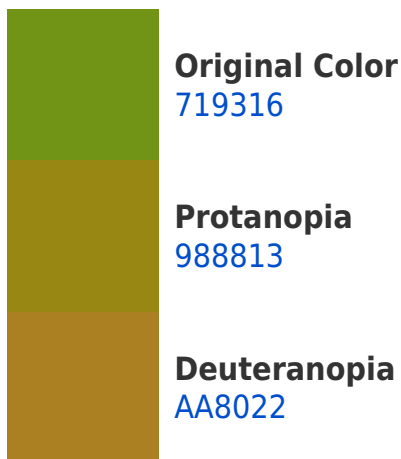


This preview shows how white text looks on a background with the Hex color 719316.

# 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](#).

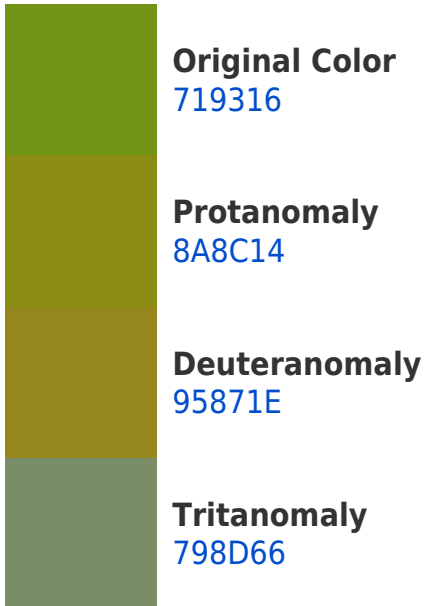
## Dichromacy





**Tritanopia**  
7E8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 719316 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 #719316 looks like.

```
.text, #text, p{  
    color:#719316  
}
```

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 #719316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #719316
}
```

## Border

The CSS property to change the border of an element to Hex 719316 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
#719316 }
```

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

```
.border{ border-color:#719316 }
```

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

Here you see how a box with a 4 pixel #719316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #719316; -webkit-box-shadow:4px 4px  
4px 4px #719316; box-shadow:4px 4px 4px  
4px #719316 }
```

# Background

The CSS property to change the background color of an element to Hex 719316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#719316 }
```

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

```
.background{ background-color:#719316 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor