

Converting Colors

Hex(5C9715)

Have a look what the booklet for
Hex(5C9715) contains.

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Color

Hex(5C9715)

Conversions

Conversions Part 1

Format	Color
Hex	5C9715
RGB	92, 151, 21
RGB Percent	36%, 59%, 8%
CMY	0.6392, 0.4078, 0.9176
CMYK	0.39, 0.00, 0.86, 0.41
HSL	87°, 76%, 34%
HSV	87°, 86%, 59%
XYZ	15.6156, 24.4627, 4.6082
YIQ	118.5390, 6.5660, -52.9380

Conversions

Conversions Part 2

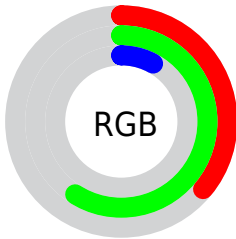
Format	Color
R_{YB}	21, 151, 80
Decimal	6067989
CIE _{Lab}	56.55, -38.86, 55.38
CIE _{LCh}	57, 67.657, 125.054
Yxy	24.4627, 0.3494, 0.5474
Android (android.graphics.Color)	4284258069 (0xFF5C9715)
YUV	118.5390, -48.0867, -23.2747
Hunter-Lab	49.4598, -30.1979, 29.0977

Details

The Hex color **5C9715** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **501597**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **93CE4F**, and **246300** is the 20% darker color. If you saturate the color by 10%, you get **559706**, and if you desaturate by 10%, it is **639724**.

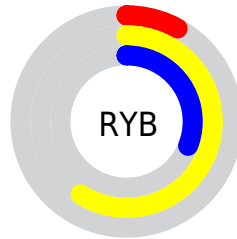
Distribution



Red (36%)

Green (59%)

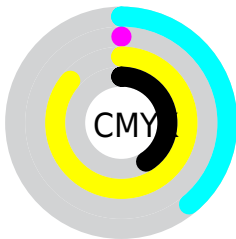
Blue (8%)



Red (8%)

Yellow (59%)

Blue (31%)

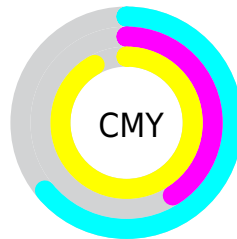


Cyan (39%)

Magenta (0%)

Yellow (86%)

Black (41%)



Cyan (64%)

Magenta (41%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9715 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 5C9715 by changing the saturation by 10% instead.



5C9715



5C9715

FFFFFF



407D00



93CE4F



246300



AFEA6A



004B00



CCFF85



003400



E9FFA1



001F00



FFFFBD



000000



FFFFD9



FFFFF6



5C9715



5C9715

■ 559706

■ 639724

■ 529700

■ 6A9733

■ 719742

■ 779751

■ 7E9761

■ 859770

■ 8C977F

■ 93978E

■ 9A979D

Harmonies

Analogous

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



9A8800



5C9715



009F53

Triad

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



5C9715



009BF2



EF4780

Complementary

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



5C9715



501597

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.



D556BA



5C9715



008CFE

Square

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



5C9715



00A1CA



9473E9



E85747

Rectangle

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



5C9715



00A27C



9473E9



EA4994

Sweetspot

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



5C9715



ADC491



974F15



556345



E3E3E3



636363

Same Dimension

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



5C9715



6BC400



1B9715



494D45



4D8C00



070D00

Inverse Universe

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



501597



5900C4



901597



48454D



40008C



06000D

Previews

White Background



This preview shows how the Hex color 5C9715 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 5C9715 Background



This preview shows how black text looks on a background with the Hex color 5C9715.

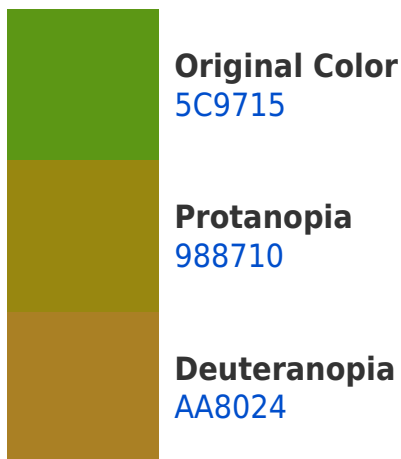


This preview shows how white text looks on a background with the Hex color 5C9715.

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](#).

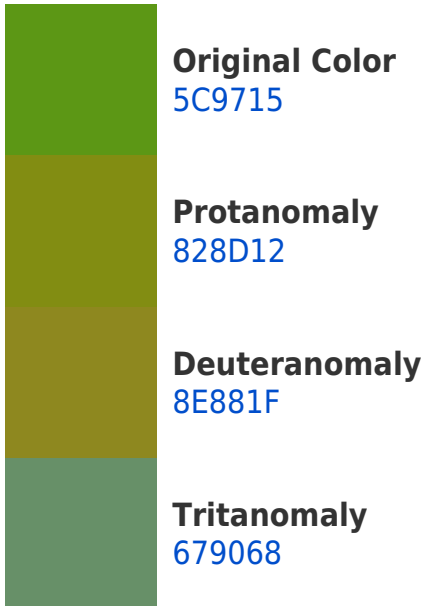
Dichromacy





Tritanopia
6D8C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9715 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 #5C9715 looks like.

```
.text, #text, p{  
    color:#5C9715  
}
```

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 #5C9715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9715
}
```

Border

The CSS property to change the border of an element to Hex 5C9715 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
#5C9715 }
```

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

```
.border{ border-color:#5C9715 }
```

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

Here you see how a box with a 4 pixel #5C9715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9715; -webkit-box-shadow:4px 4px  
4px 4px #5C9715; box-shadow:4px 4px 4px  
4px #5C9715 }
```

Background

The CSS property to change the background color of an element to Hex 5C9715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9715 }
```

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

```
.background{ background-color:#5C9715 }
```

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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