

Converting Colors

Hex(5C9910)

Have a look what the booklet for
Hex(5C9910) contains.

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Color

Hex(5C9910)

Conversions

Conversions Part 1

Format	Color
Hex	5C9910
RGB	92, 153, 16
RGB Percent	36%, 60%, 6%
CMY	0.6392, 0.4000, 0.9373
CMYK	0.40, 0.00, 0.90, 0.40
HSL	87°, 81%, 33%
HSV	87°, 90%, 60%
XYZ	15.8984, 25.0952, 4.4961
YIQ	119.1430, 7.6210, -55.5390

Conversions

Conversions Part 2

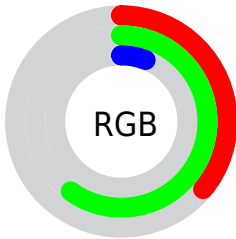
Format	Color
RYB	16, 153, 77
Decimal	6068496
CIELab	57.17, -39.89, 57.02
CIELCh	57, 69.590, 124.973
Yxy	25.0952, 0.3495, 0.5517
Android (android.graphics.Color)	4284258576 (0xFF5C9910)
YUV	119.1430, -50.8495, -23.8044
Hunter-Lab	50.0951, -31.0169, 29.7452

Details

The Hex color **5C9910** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4D1099**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **94D04D**, and **236500** is the 20% darker color. If you saturate the color by 10%, you get **559901**, and if you desaturate by 10%, it is **63991F**.

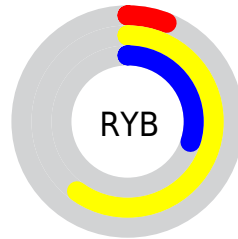
Distribution



Red (36%)

Green (60%)

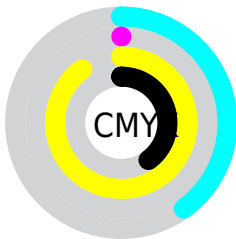
Blue (6%)



Red (6%)

Yellow (60%)

Blue (30%)

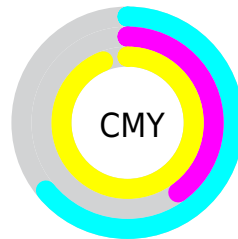


Cyan (40%)

Magenta (0%)

Yellow (90%)

Black (40%)



Cyan (64%)

Magenta (40%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9910 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 5C9910 by changing the saturation by 10% instead.



5C9910



5C9910

FFFFFF



407F00



94D04D



236500



B0EC68



004D00



CDFF83



003500



EAFF9F



002100



FFFFBB



000000



FFFFD7



FFFFF4



5C9910



5C9910

■ 559901

■ 63991F

■ 559900

■ 6A992F

■ 70993E

■ 77994D

■ 7E995C

■ 85996C

■ 8C997B

■ 92998A

■ 99999A

Harmonies

Analogous

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



9C8A00



5C9910



00A153

Triad

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



5C9910



009DF7



F34682

Complementary

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



5C9910



4D1099

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.



D956BE



5C9910



008DFF

Square

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



5C9910



00A4CE



9574EE



ED5647

Rectangle

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



5C9910



00A47D



9574EE



EF4896

Sweetspot

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



5C9910



AFC791



994B10



556344



E3E3E3



636363

Same Dimension

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



5C9910



6EC700



199910



494D45



4E8C00



070D00

Inverse Universe

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



4D1099



5900C7



901099



48454D



3E008C



06000D

Previews

White Background



This preview shows how the Hex color 5C9910 looks on a white background.

Color Contrast Check

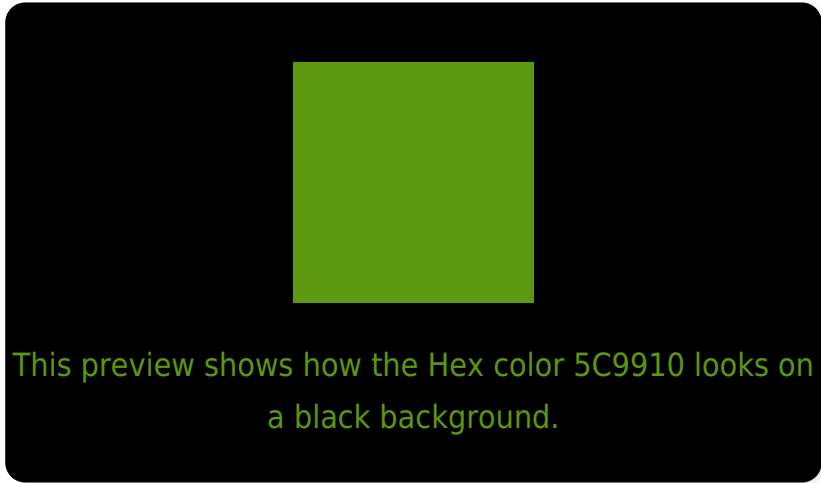
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C9910 Background



This preview shows how black text looks on a background with the Hex color 5C9910.



This preview shows how white text looks on a background with the Hex color 5C9910.

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
5C9910

Protanopia
9A8909

Deuteranopia
AC8222



Tritanopia
6D8E9A

Trichromacy



Original Color
5C9910



Protanomaly
838F0C



Deuteranomaly
8F8A1B



Tritanomaly
679268

Monochromacy



Original Color
5C9910



Achromatopsia
777777



Achromatomaly
6D8352

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9910 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 #5C9910 looks like.

```
.text, #text, p{  
    color:#5C9910  
}
```

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 #5C9910 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9910
}
```

Border

The CSS property to change the border of an element to Hex 5C9910 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
#5C9910 }
```

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

```
.border{ border-color:#5C9910 }
```

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

Here you see how a box with a 4 pixel #5C9910 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9910; -webkit-box-shadow:4px 4px  
4px 4px #5C9910; box-shadow:4px 4px 4px  
4px #5C9910 }
```

Background

The CSS property to change the background color of an element to Hex 5C9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9910 }
```

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

```
.background{ background-color:#5C9910 }
```

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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