

Converting Colors

Hex(5C9504)

Have a look what the booklet for
Hex(5C9504) contains.

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Color

Hex(5C9504)

Conversions

Conversions Part 1

Format	Color
Hex	5C9504
RGB	92, 149, 4
RGB Percent	36%, 58%, 2%
CMY	0.6392, 0.4157, 0.9843
CMYK	0.38, 0.00, 0.97, 0.42
HSL	84°, 95%, 30%
HSV	84°, 97%, 58%
XYZ	15.1830, 23.7790, 3.9044
YIQ	115.4270, 12.5730, -57.1790

Conversions

Conversions Part 2

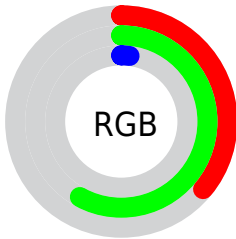
Format	Color
RYB	4, 149, 61
Decimal	6067460
CIELab	55.87, -38.47, 57.95
CIElCh	56, 69.561, 123.577
Yxy	23.7790, 0.3542, 0.5547
Android (android.graphics.Color)	4284257540 (0xFF5C9504)
YUV	115.4270, -54.9335, -20.5455
Hunter-Lab	48.7637, -29.7589, 29.3873

Details

The Hex color **5C9504** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3D0495**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **93CC47**, and **246200** is the 20% darker color. If you saturate the color by 10%, you get **5A9500**, and if you desaturate by 10%, it is **629513**.

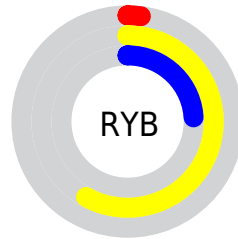
Distribution



Red (36%)

Green (58%)

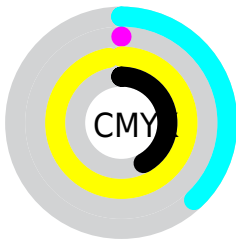
Blue (2%)



Red (2%)

Yellow (58%)

Blue (24%)

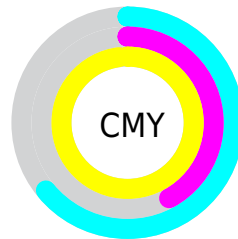


Cyan (38%)

Magenta (0%)

Yellow (97%)

Black (42%)



Cyan (64%)

Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9504 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 5C9504 by changing the saturation by 10% instead.

 5C9504

 5C9504

FFFFFF

 407B00

 93CC47

 246200

 B0E863

 004900

 CDFF7E

 003200

 EAFF99

 001D00

 FFFFB5

 000000

 FFFFD2

 FFFFEF

 5C9504

 5C9504

■ 5A9500

■ 629513

■ 689522

■ 6E9531

■ 739540

■ 79954F

■ 7F955D

■ 85956C

■ 8B957B

■ 91958A

Harmonies

Analogous

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



9B8600



5C9504



009D4D

Triad

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



5C9504



009AF2



EF4281

Complementary

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



5C9504



3D0495

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.



D354BD



5C9504



008BFF

Square

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



5C9504



00A0C7



8D72EB



E95147

Rectangle

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



5C9504



00A076



8D72EB



EA4496

Sweetspot

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



5C9504



ACC28A



953C04



54613F



E0E0E0



616161

Same Dimension

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



5C9504



76C200



159504



474A43



548A00



060A00

Inverse Universe

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



3D0495



4C00C2



840495



45434A



36008A



04000A

Previews

White Background



This preview shows how the Hex color 5C9504 looks on a white background.

Color Contrast Check

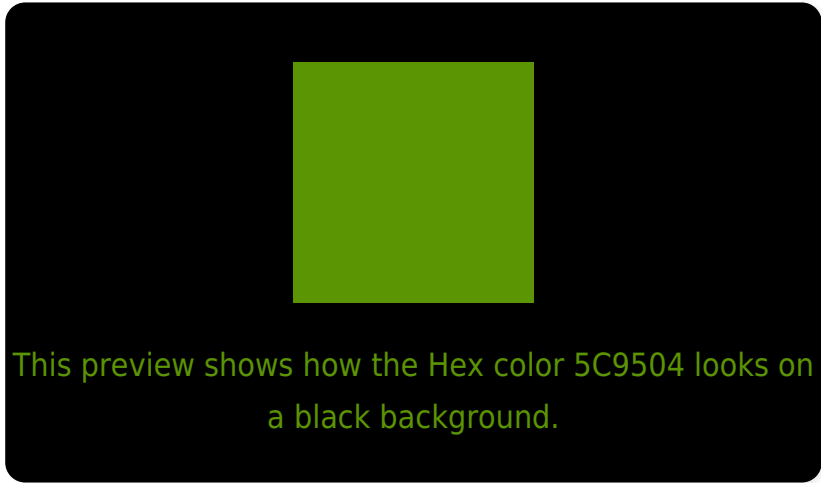
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C9504 Background



This preview shows how black text looks on a background with the Hex color 5C9504.

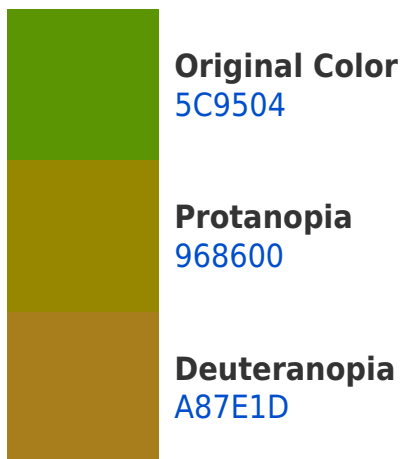



This preview shows how white text looks on a background with the Hex color 5C9504.

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
6C8A96

Trichromacy



Original Color
5C9504

Protanomaly
818B01

Deuteranomaly
8C8614

Tritanomaly
668E61

Monochromacy



Original Color
5C9504

Achromatopsia
737373

Achromatomaly
6B7F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9504 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 #5C9504 looks like.

```
.text, #text, p{  
    color:#5C9504  
}
```

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 #5C9504 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9504
}
```

Border

The CSS property to change the border of an element to Hex 5C9504 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
#5C9504 }
```

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

```
.border{ border-color:#5C9504 }
```

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

Here you see how a box with a 4 pixel #5C9504 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9504; -webkit-box-shadow:4px 4px  
4px 4px #5C9504; box-shadow:4px 4px 4px  
4px #5C9504 }
```

Background

The CSS property to change the background color of an element to Hex 5C9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9504 }
```

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

```
.background{ background-color:#5C9504 }
```

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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