

Converting Colors

Hex(509122)

Have a look what the booklet for
Hex(509122) contains.

Hex(509122)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(509122)

Conversions

Conversions Part 1

Format	Color
Hex	509122
RGB	80, 145, 34
RGB Percent	31%, 57%, 13%
CMY	0.6863, 0.4314, 0.8667
CMYK	0.45, 0.00, 0.77, 0.43
HSL	95°, 62%, 35%
HSV	95°, 77%, 57%
XYZ	13.7224, 22.0718, 5.0504
YIQ	112.9110, -3.1090, -48.3010

Conversions

Conversions Part 2

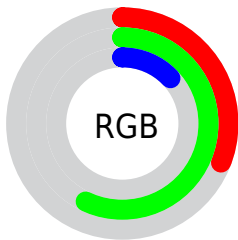
Format	Color
RYB	34, 145, 99
Decimal	5280034
CIELab	54.10, -39.87, 49.01
CIELCh	54, 63.175, 129.128
Yxy	22.0718, 0.3360, 0.5404
Android (android.graphics.Color)	4283470114 (0xFF509122)
YUV	112.9110, -38.9031, -28.8629
Hunter-Lab	46.9806, -30.0786, 26.5128

Details

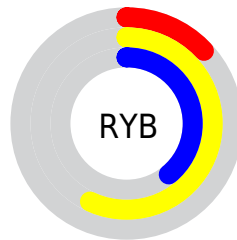
The Hex color **509122** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **632291**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **87C757**, and **155E00** is the 20% darker color. If you saturate the color by 10%, you get **489113**, and if you desaturate by 10%, it is **589130**.

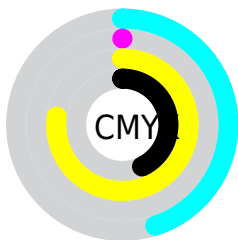
Distribution



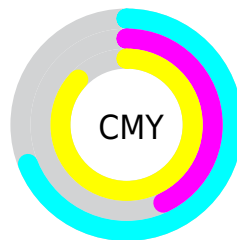
- Red (31%)
- Green (57%)
- Blue (13%)



- Red (13%)
- Yellow (57%)
- Blue (39%)



- Cyan (45%)
- Magenta (0%)
- Yellow (77%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509122 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 509122 by changing the saturation by 10% instead.



509122



509122

FFFFFF



347700



87C757



155E00



A3E471



004500



BFFF8C



002E00



DCFFA7



001700



F9FFC3



000000



FFFFE0



FFFFFFD



509122



509122

■ 489113

■ 589130

■ 3F9105

■ 61913F

■ 3C9100

■ 69914D

■ 72915C

■ 7A916A

■ 839179

■ 8B9187

■ 949196

■ 9C91A4

Harmonies

Analogous

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



8C8400



509122



009858

Triad

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



509122



0092E7



E24873

Complementary

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



509122



632291

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.



CF52A9



509122



0082EE

Square

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



509122



0099C5



986BD7



D9583F

Rectangle

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



509122



009A7E



986BD7



DF4885

Sweetspot

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



509122



A3BD91



916322



4F5E44



DEDEDE



5E5E5E

Same Dimension

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



509122



57BD0F



22912B



434740



388700



030800

Inverse Universe

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



632291



750FBD



912288



444047



4F0087



040008

Previews

White Background



This preview shows how the Hex color 509122 looks on a white background.

Color Contrast Check

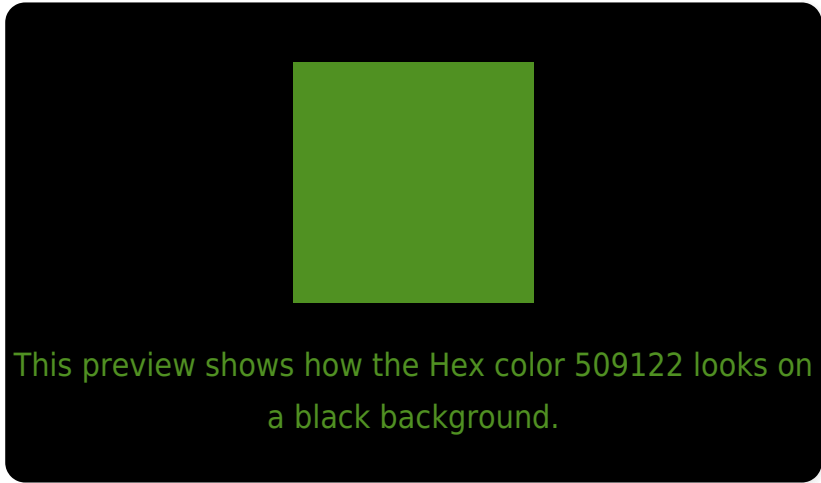
Large Text (above 18pt) WCAG AA ✓ Pass

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 509122 Background



This preview shows how black text looks on a background with the Hex color 509122.



This preview shows how white text looks on a background with the Hex color 509122.

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
509122

Protanopia
91811E

Deuteranopia
A17A2C



Tritanopia
618792

Trichromacy



Original Color
509122

Protanomaly
79871F

Deuteranomaly
848228

Tritanomaly
5B8B69

Monochromacy



Original Color
509122

Achromatopsia
717171

Achromatomaly
657D54

CSS Examples

Text

The CSS property to change the color of the text to Hex 509122 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 #509122 looks like.

```
.text, #text, p{  
    color:#509122  
}
```

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 #509122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509122
}
```

Border

The CSS property to change the border of an element to Hex 509122 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
#509122 }
```

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

```
.border{ border-color:#509122 }
```

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

Here you see how a box with a 4 pixel #509122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509122; -webkit-box-shadow:4px 4px  
4px 4px #509122; box-shadow:4px 4px 4px  
4px #509122 }
```

Background

The CSS property to change the background color of an element to Hex 509122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509122 }
```

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

```
.background{ background-color:#509122 }
```

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