

Converting Colors

Hex(509345)

Have a look what the booklet for
Hex(509345) contains.

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Color

Hex(509345)

Conversions

Conversions Part 1

Format	Color
Hex	509345
RGB	80, 147, 69
RGB Percent	31%, 58%, 27%
CMY	0.6863, 0.4235, 0.7294
CMYK	0.46, 0.00, 0.53, 0.42
HSL	112°, 36%, 42%
HSV	112°, 53%, 58%
XYZ	14.8162, 23.0026, 9.2893
YIQ	118.0750, -14.8940, -38.4620

Conversions

Conversions Part 2

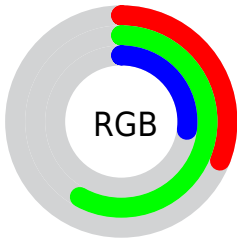
Format	Color
RYB	69, 147, 136
Decimal	5280581
CIELab	55.07, -37.26, 34.50
CIElCh	55, 50.782, 137.208
Yxy	23.0026, 0.3145, 0.4883
Android (android.graphics.Color)	4283470661 (0xFF509345)
YUV	118.0750, -24.1940, -33.3918
Hunter-Lab	47.9610, -28.7894, 22.0892

Details

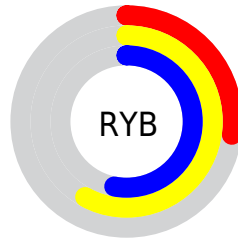
The Hex color **509345** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **884593**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **85CA77**, and **186015** is the 20% darker color. If you saturate the color by 10%, you get **439336**, and if you desaturate by 10%, it is **5D9354**.

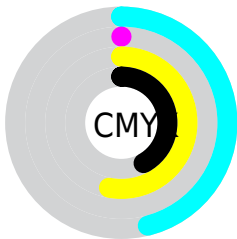
Distribution



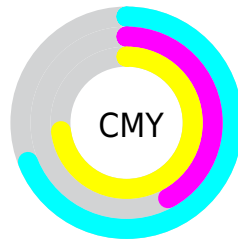
- Red (31%)
- Green (58%)
- Blue (27%)



- Red (27%)
- Yellow (58%)
- Blue (53%)



- Cyan (46%)
- Magenta (0%)
- Yellow (53%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509345 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 509345 by changing the saturation by 10% instead.

 509345

 509345

FFFFFF

 35792D

 85CA77

 186015

 A1E691

 004700

 BDFAC

 003000

 D9FFC8

 001A00

 F7FFE4

 000000

 509345

 509345

 439336

 5D9354

 379328

 699362

■ 2A9319

■ 769371

■ 1D930A

■ 839380

■ 159300

■ 8F938E

■ 9C939D

■ A893AC

■ B593BB

■ C293C9

Harmonies

Analogous

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



838929



509345



00986F

Triad

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



509345



008ED9



D55D6C

Complementary

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



509345



884593

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.



CB5E99



509345



6380D8

Square

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



509345



0096C3



A66EC0



C86A45

Rectangle

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



509345



00998D



A66EC0



D45C7B

Sweetspot

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



509345



A5BFA1



938745



51614E



E0E0E0



616161

Same Dimension

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



509345



56BF45



459360



444A43



138A00



010A00

Inverse Universe

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



884593



AE45BF



934578



49434A



76008A



09000A

Previews

White Background



This preview shows how the Hex color 509345 looks on a white background.

Color Contrast Check

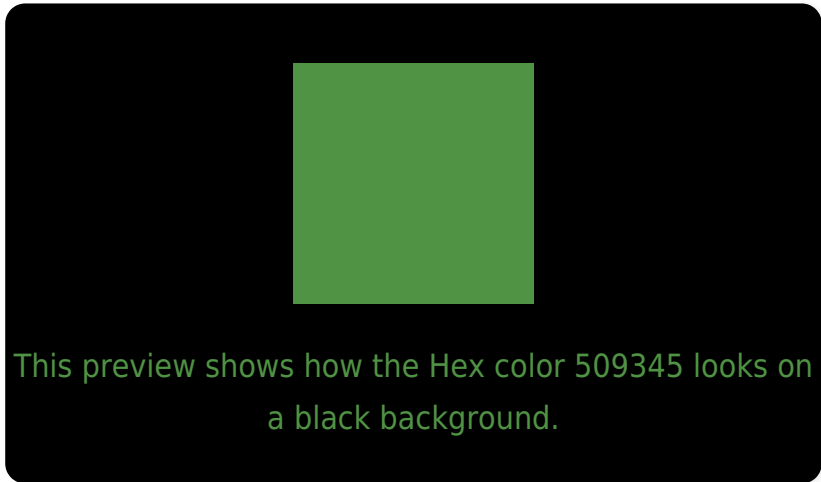
Large Text (above 18pt) WCAG AA ✓ Pass

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 509345 Background



This preview shows how black text looks on a background with the Hex color 509345.

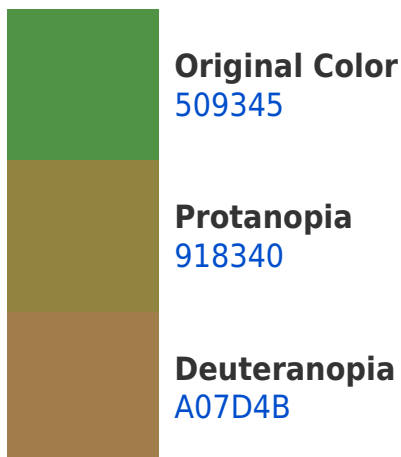



This preview shows how white text looks on a background with the Hex color 509345.

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](#).

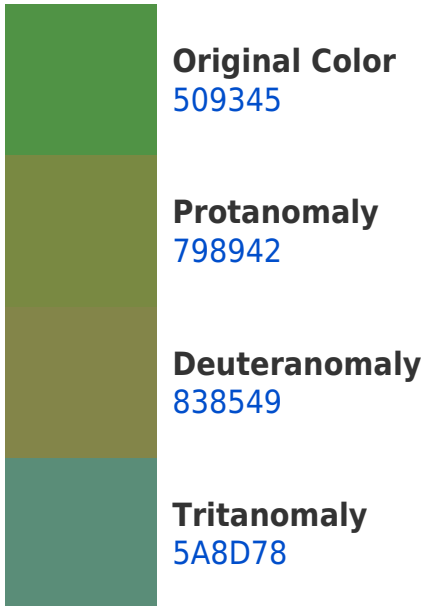
Dichromacy





Tritanopia
608A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 509345 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 #509345 looks like.

```
.text, #text, p{  
    color:#509345  
}
```

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 #509345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509345
}
```

Border

The CSS property to change the border of an element to Hex 509345 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
#509345 }
```

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

```
.border{ border-color:#509345 }
```

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

Here you see how a box with a 4 pixel #509345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509345; -webkit-box-shadow:4px 4px  
4px 4px #509345; box-shadow:4px 4px 4px  
4px #509345 }
```

Background

The CSS property to change the background color of an element to Hex 509345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509345 }
```

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

```
.background{ background-color:#509345 }
```

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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