

Converting Colors

Hex(509600)

Have a look what the booklet for
Hex(509600) contains.

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Color

Hex(509600)

Conversions

Conversions Part 1

Format	Color
Hex	509600
RGB	80, 150, 0
RGB Percent	31%, 59%, 0%
CMY	0.6863, 0.4118, 1.0000
CMYK	0.47, 0.00, 1.00, 0.41
HSL	88°, 100%, 29%
HSV	88°, 100%, 59%
XYZ	14.2146, 23.5182, 3.7903
YIQ	111.9700, 6.4300, -61.4900

Conversions

Conversions Part 2

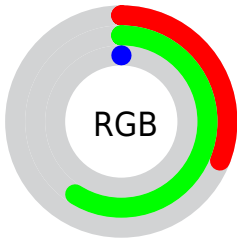
Format	Color
RYB	0, 150, 70
Decimal	5281280
CIELab	55.60, -43.23, 58.15
CIELCh	56, 72.457, 126.628
Yxy	23.5182, 0.3423, 0.5664
Android (android.graphics.Color)	4283471360 (0xFF509600)
YUV	111.9700, -55.2012, -28.0377
Hunter-Lab	48.4955, -32.5467, 29.3129

Details

The Hex color **509600** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **460096**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **88CD46**, and **106200** is the 20% darker color. If you saturate the color by 10%, you get **509600**, and if you desaturate by 10%, it is **57960F**.

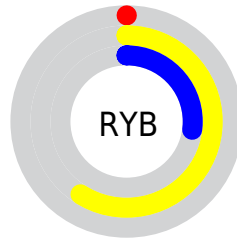
Distribution



Red (31%)

Green (59%)

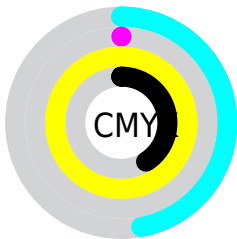
Blue (0%)



Red (0%)

Yellow (59%)

Blue (27%)

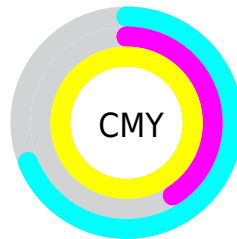


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (69%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509600 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 509600 by changing the saturation by 10% instead.

 509600

 509600

FFFFFF

 337C00

 88CD46

 106200

 A4E961

 004A00

 C1FF7C

 003200

 DEFF98

 001C00

 FCFFB4

 000000

 FFFFD0

 FFFFED

 509600

 57960F


 5E961E

 65962D

 6C963C

 73964B

 7A965A

 819669

 889678

 8F9687

Harmonies

Analogous

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



948700



509600



009E50

Triad

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



509600



0099F9



F33B7A

Complementary

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



509600



460096

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.



DA4CB8



509600



0089FF

Square

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



509600



00A0CF



966DEB



EA503D

Rectangle

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



509600



00A07C



966DEB



EF3C8F

Sweetspot

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



509600



A7C288



964600



51613E



E0E0E0



616161

Same Dimension

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



509600



67C200



059600



464A43



498A00



050A00

Inverse Universe

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



460096



5A00C2



910096



46434A



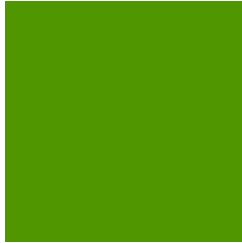
40008A



05000A

Previews

White Background



This preview shows how the Hex color 509600 looks on a white background.

Color Contrast Check

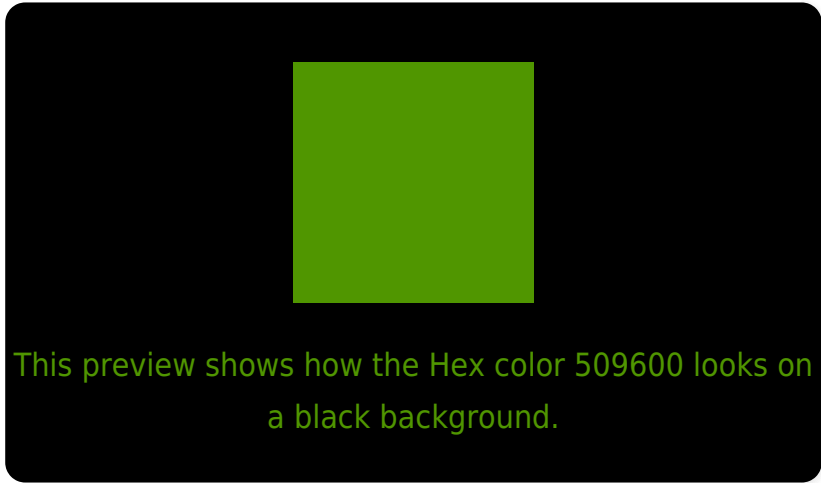
Large Text (above 18pt) WCAG AA ✓ Pass

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 509600 Background



This preview shows how black text looks on a background with the Hex color 509600.



This preview shows how white text looks on a background with the Hex color 509600.

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
509600

Protanopia
968500

Deuteranopia
A77E1E



Tritanopia
638B97

Trichromacy



Original Color
509600

Protanomaly
7D8B00

Deuteranomaly
878713

Tritanomaly
5C8F60

Monochromacy



Original Color
509600

Achromatopsia
707070

Achromatomaly
647E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 509600 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 #509600 looks like.

```
.text, #text, p{  
    color:#509600  
}
```

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 #509600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509600
}
```

Border

The CSS property to change the border of an element to Hex 509600 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
#509600 }
```

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

```
.border{ border-color:#509600 }
```

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

Here you see how a box with a 4 pixel #509600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509600; -webkit-box-shadow:4px 4px  
4px 4px #509600; box-shadow:4px 4px 4px  
4px #509600 }
```

Background

The CSS property to change the background color of an element to Hex 509600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509600 }
```

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

```
.background{ background-color:#509600 }
```

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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