

Converting Colors

Hex(509760)

Have a look what the booklet for
Hex(509760) contains.

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Color

Hex(509760)

Conversions

Conversions Part 1

Format	Color
Hex	509760
RGB	80, 151, 96
RGB Percent	31%, 59%, 38%
CMY	0.6863, 0.4078, 0.6235
CMYK	0.47, 0.00, 0.36, 0.41
HSL	134°, 31%, 45%
HSV	134°, 47%, 59%
XYZ	16.4862, 24.6832, 14.9618
YIQ	123.5010, -24.6610, -32.1570

Conversions

Conversions Part 2

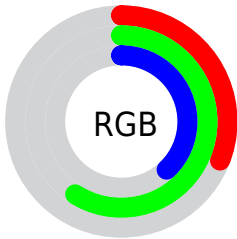
Format	Color
R_{YB}	80, 138, 151
Decimal	5281632
CIE _{Lab}	56.77, -34.80, 22.25
CIE _{LCh}	57, 41.305, 147.403
Yxy	24.6832, 0.2937, 0.4397
Android (android.graphics.Color)	4283471712 (0xFF509760)
YUV	123.5010, -13.5580, -38.1504
Hunter-Lab	49.6822, -27.7117, 16.9224

Details

The Hex color **509760** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **975087**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **85CE93**, and **196331** is the 20% darker color. If you saturate the color by 10%, you get **419754**, and if you desaturate by 10%, it is **5F976C**.

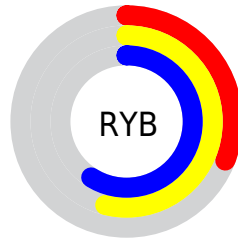
Distribution



Red (31%)

Green (59%)

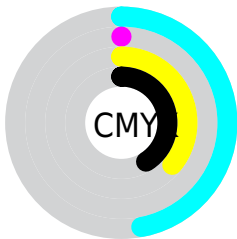
Blue (38%)



Red (31%)

Yellow (54%)

Blue (59%)

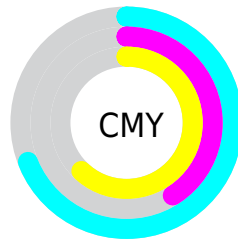


Cyan (47%)

Magenta (0%)

Yellow (36%)

Black (41%)



Cyan (69%)

Magenta (41%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509760 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 509760 by changing the saturation by 10% instead.

 509760

 509760

FFFFFF

 357D48

 85CE93

 196331

 A1EAAE

 004B1B

 BCFFC9

 003303

 D9FFE5

 001F00

 F6FFFF

 000000

 509760

 509760

 419754

 5F976C

 329749

 6E9777

■ 23973D

■ 7D9783

■ 149731

■ 8C978F

■ 059726

■ 9C979A

■ 009722

■ AB97A6

■ BA97B2

■ C997BE

■ D897C9

Harmonies

Analogous

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



7C9046



509760



009A84

Triad

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



509760



418DD0



CB6D69

Complementary

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



509760



975087

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.



C96A8D



509760



8680C8

Square

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



509760



0096C4



B272AF



BC784C

Rectangle

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



509760



009B9D



B272AF



CC6B75

Sweetspot

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



509760



A9C4AF



889750



536356



E3E3E3



636363

Same Dimension

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



509760



56C46F



509783



454D47



008C20



000D03

Inverse Universe

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



975087



C456AC



975064



4D454B



8C006D



0D000A

Previews

White Background



This preview shows how the Hex color 509760 looks on a white background.

Color Contrast Check

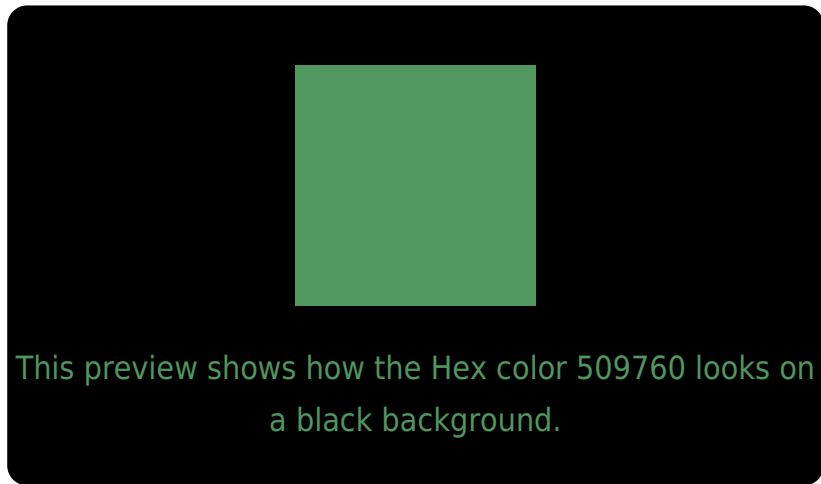
Large Text (above 18pt) WCAG AA ✓ Pass

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

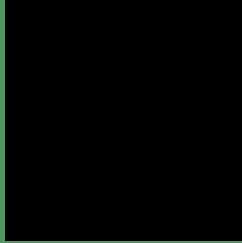
Any Text WCAG AA ✓ Pass

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 509760 Background



This preview shows how black text looks on a background with the Hex color 509760.



This preview shows how white text looks on a background with the Hex color 509760.

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
509760

Protanopia
93875A

Deuteranopia
A08265



Tritanopia
5E909B

Trichromacy



Original Color
509760



Protanomaly
7B8D5C



Deuteranomaly
838A63



Tritanomaly
599386

Monochromacy



Original Color
509760



Achromatopsia
7C7C7C



Achromatomaly
6C8672

CSS Examples

Text

The CSS property to change the color of the text to Hex 509760 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 #509760 looks like.

```
.text, #text, p{  
    color:#509760  
}
```

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 #509760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509760
}
```

Border

The CSS property to change the border of an element to Hex 509760 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
#509760 }
```

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

```
.border{ border-color:#509760 }
```

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

Here you see how a box with a 4 pixel #509760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509760; -webkit-box-shadow:4px 4px  
4px 4px #509760; box-shadow:4px 4px 4px  
4px #509760 }
```

Background

The CSS property to change the background color of an element to Hex 509760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509760 }
```

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

```
.background{ background-color:#509760 }
```

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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