

Converting Colors

Hex(509531)

Have a look what the booklet for
Hex(509531) contains.

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Color

Hex(509531)

Conversions

Conversions Part 1

Format	Color
Hex	509531
RGB	80, 149, 49
RGB Percent	31%, 58%, 19%
CMY	0.6863, 0.4157, 0.8078
CMYK	0.46, 0.00, 0.67, 0.42
HSL	101°, 51%, 39%
HSV	101°, 67%, 58%
XYZ	14.6101, 23.4221, 6.6566
YIQ	116.9690, -9.0240, -45.7280

Conversions

Conversions Part 2

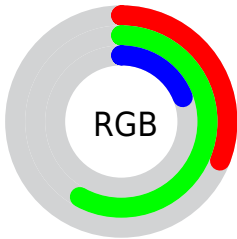
Format	Color
R_{YB}	49, 149, 118
Decimal	5281073
CIE _{Lab}	55.50, -40.37, 44.50
CIE _{LCh}	56, 60.079, 132.217
Yxy	23.4221, 0.3269, 0.5241
Android (android.graphics.Color)	4283471153 (0xFF509531)
YUV	116.9690, -33.5087, -32.4218
Hunter-Lab	48.3964, -30.8074, 25.7225

Details

The Hex color **509531** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **763195**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **87CC64**, and **146100** is the 20% darker color. If you saturate the color by 10%, you get **469522**, and if you desaturate by 10%, it is **5A9540**.

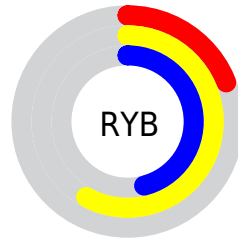
Distribution



Red (31%)

Green (58%)

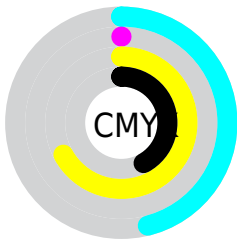
Blue (19%)



Red (19%)

Yellow (58%)

Blue (46%)

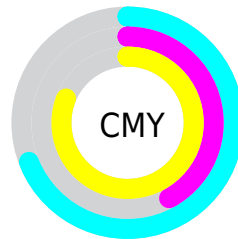


Cyan (46%)

Magenta (0%)

Yellow (67%)

Black (42%)



Cyan (69%)

Magenta (42%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509531 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 509531 by changing the saturation by 10% instead.

 509531

 509531

FFFFFF

 347B16

 87CC64

 146100

 A2E87E

 004900

 BFFF99

 003200

 DBFFB5

 001C00

 F9FFD1

 000000

 FFFFED

 509531

 509531

 469522

 5A9540

■ 3B9513

■ 65954F

■ 319504

■ 6F955E

■ 2E9500

■ 79956D

■ 83957C

■ 8E958A

■ 989599

■ A295A8

■ AD95B7

Harmonies

Analogous

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



8B8906



509531



009B63

Triad

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



509531



0093E8



E35172

Complementary

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



509531



763195

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.



D357A6



509531



3C84EB

Square

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



509531



009BCA



A26DD3



D76141

Rectangle

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



509531



009D87



A26DD3



E15183

Sweetspot

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



509531



A7C29B



957531



51614A



E0E0E0



616161

Same Dimension

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



509531



55C225



319543



454A43



2B8A00



030A00

Inverse Universe

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



763195



9125C2



953183



48434A



5F008A



07000A

Previews

White Background



This preview shows how the Hex color 509531 looks on a white background.

Color Contrast Check

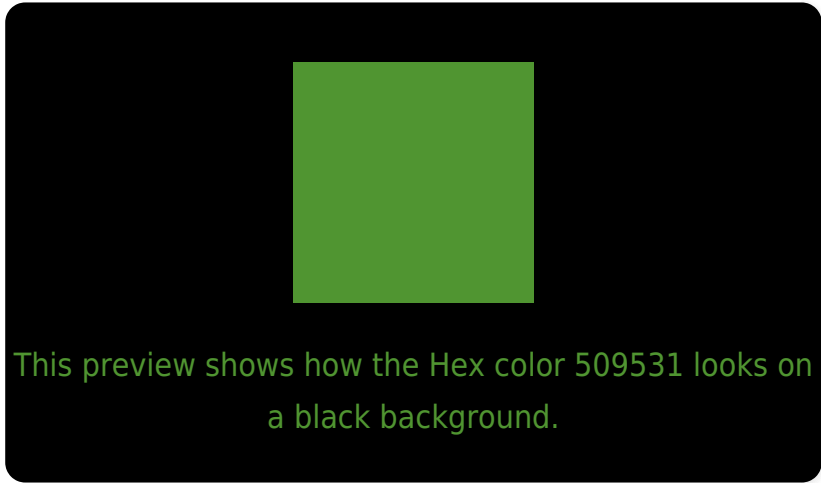
Large Text (above 18pt) WCAG AA ✓ Pass

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

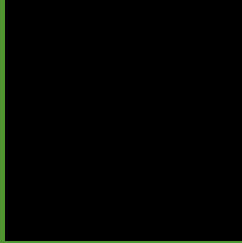
Any Text WCAG AA ✓ Pass

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 509531 Background



This preview shows how black text looks on a background with the Hex color 509531.



This preview shows how white text looks on a background with the Hex color 509531.

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
509531

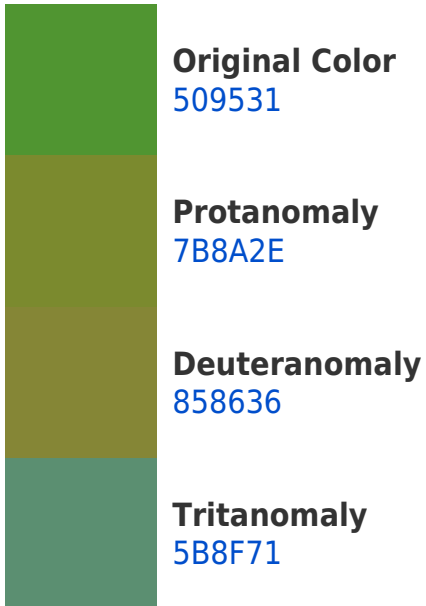
Protanopia
94842D

Deuteranopia
A47E39

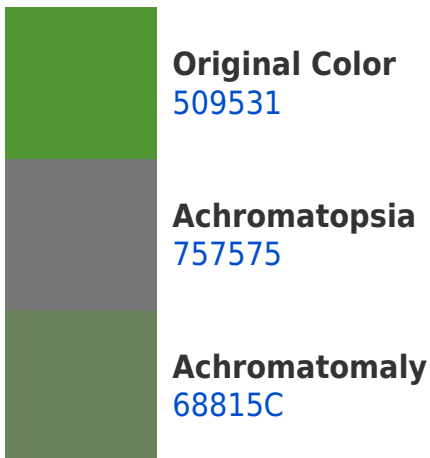


Tritanopia
618B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 509531 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 #509531 looks like.

```
.text, #text, p{  
    color:#509531  
}
```

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 #509531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509531
}
```

Border

The CSS property to change the border of an element to Hex 509531 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
#509531 }
```

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

```
.border{ border-color:#509531 }
```

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

Here you see how a box with a 4 pixel #509531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509531; -webkit-box-shadow:4px 4px  
4px 4px #509531; box-shadow:4px 4px 4px  
4px #509531 }
```

Background

The CSS property to change the background color of an element to Hex 509531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509531 }
```

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

```
.background{ background-color:#509531 }
```

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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