

Converting Colors

Hex(509F29)

Have a look what the booklet for
Hex(509F29) contains.

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Color

Hex(509F29)

Conversions

Conversions Part 1

Format	Color
Hex	509F29
RGB	80, 159, 41
RGB Percent	31%, 62%, 16%
CMY	0.6863, 0.3765, 0.8392
CMYK	0.50, 0.00, 0.74, 0.38
HSL	100°, 59%, 39%
HSV	100°, 74%, 62%
XYZ	16.1066, 26.6618, 6.3952
YIQ	121.9270, -9.2060, -53.4460

Conversions

Conversions Part 2

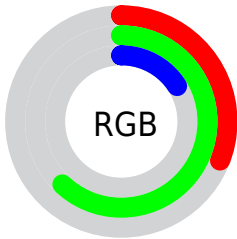
Format	Color
RYB	41, 159, 120
Decimal	5283625
CIELab	58.66, -45.12, 50.98
CIELCh	59, 68.081, 131.511
Yxy	26.6618, 0.3276, 0.5423
Android (android.graphics.Color)	4283473705 (0xFF509F29)
YUV	121.9270, -39.8970, -36.7700
Hunter-Lab	51.6351, -34.6816, 28.8013

Details

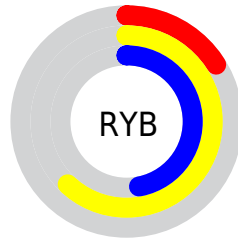
The Hex color **509F29** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **78299F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **88D65E**, and **0D6B00** is the 20% darker color. If you saturate the color by 10%, you get **459F19**, and if you desaturate by 10%, it is **5B9F39**.

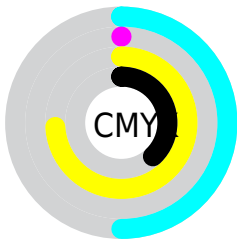
Distribution



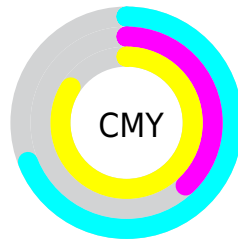
- Red (31%)
- Green (62%)
- Blue (16%)



- Red (16%)
- Yellow (62%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (74%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509F29 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 509F29 by changing the saturation by 10% instead.

 509F29

 509F29

FFFFFF

 338406

 88D65E

 0D6B00

 A4F379

 005200

 C1FF94

 003A00

 DEFFAF

 002400

 FCFFCC

 000000

 FFFFE8

 509F29

 509F29

 459F19

 5B9F39

 3B9F09

 659F49

 359F00

 709F59

 7B9F69

 859F79

 909F88

 9B9F98

 A59FA8

 B09FB8

Harmonies

Analogous

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



949200



509F29



00A665

Triad

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



509F29



009EFF



F74E79

Complementary

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



509F29



78299F

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.



E557B4



509F29



1E8DFF

Square

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



509F29



00A6DB



AC72E7



EB6240

Rectangle

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



509F29



00A88E



AC72E7



F54D8D

Sweetspot

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



509F29



B0CFA1



9F7829



56694D



E8E8E8



696969

Same Dimension

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



509F29



53CF17



299F3D



4A4F47



2F8F00



050F00

Inverse Universe

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



78299F



9217CF



9F298B



4C474F



60008F



0A000F

Previews

White Background



This preview shows how the Hex color 509F29 looks on a white background.

Color Contrast Check

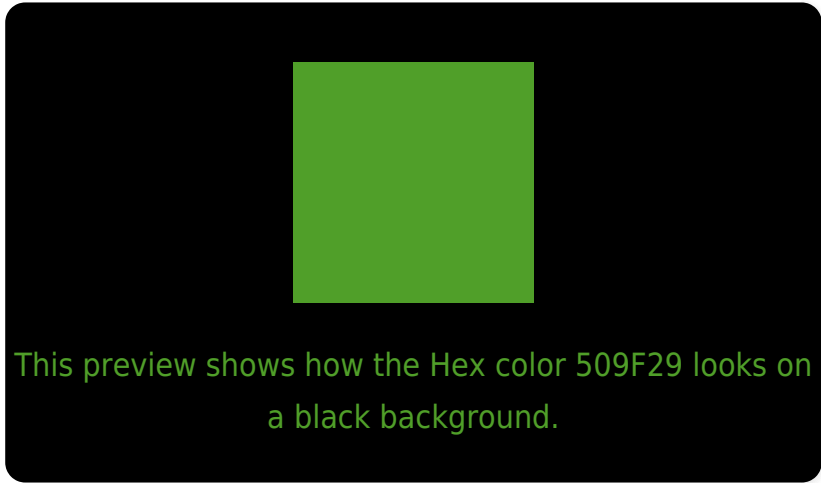
Large Text (above 18pt) WCAG AA ✓ Pass

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

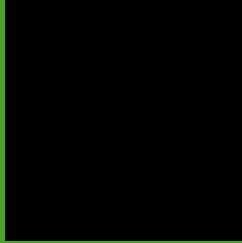
Any Text WCAG AA ✓ Pass

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 509F29 Background



This preview shows how black text looks on a background with the Hex color 509F29.

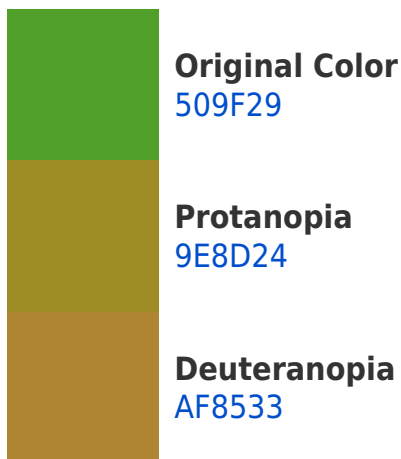


This preview shows how white text looks on a background with the Hex color 509F29.

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
6494A0

Trichromacy



Original Color
509F29



Protanomaly
829426



Deuteranomaly
8C8E2F



Tritanomaly
5D9875

Monochromacy



Original Color
509F29



Achromatopsia
7A7A7A



Achromatomaly
6B875D

CSS Examples

Text

The CSS property to change the color of the text to Hex 509F29 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 #509F29 looks like.

```
.text, #text, p{  
    color:#509F29  
}
```

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 #509F29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509F29
}
```

Border

The CSS property to change the border of an element to Hex 509F29 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
#509F29 }
```

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

```
.border{ border-color:#509F29 }
```

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

Here you see how a box with a 4 pixel #509F29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509F29; -webkit-box-shadow:4px 4px  
4px 4px #509F29; box-shadow:4px 4px 4px  
4px #509F29 }
```

Background

The CSS property to change the background color of an element to Hex 509F29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509F29 }
```

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

```
.background{ background-color:#509F29 }
```

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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