

# Converting Colors

Hex(519E0D)

Have a look what the booklet for  
Hex(519E0D) contains.

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**Color**

**Hex(519E0D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	519E0D
RGB	81, 158, 13
RGB Percent	32%, 62%, 5%
CMY	0.6824, 0.3804, 0.9490
CMYK	0.49, 0.00, 0.92, 0.38
HSL	92°, 85%, 34%
HSV	92°, 92%, 62%
XYZ	15.6928, 26.2321, 4.6170
YIQ	118.4470, 0.6530, -61.4190

# Conversions

## Conversions Part 2

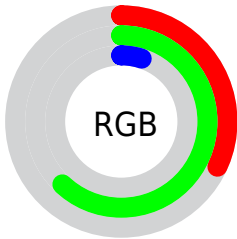
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 158, 90
Decimal	5348877
CIELab	58.26, -45.77, 58.29
CIELCh	58, 74.111, 128.143
Yxy	26.2321, 0.3372, 0.5636
Android (android.graphics.Color)	4283538957 (0xFF519E0D)
YUV	118.4470, -51.9854, -32.8410
Hunter-Lab	51.2173, -34.9383, 30.5074

# Details

The Hex color **519E0D** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5A0D9E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8AD54D**, and **0D6A00** is the 20% darker color. If you saturate the color by 10%, you get **4A9E00**, and if you desaturate by 10%, it is **599E1D**.

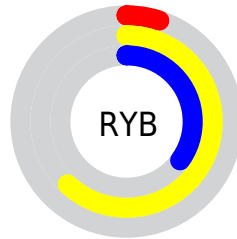
# Distribution



Red (32%)

Green (62%)

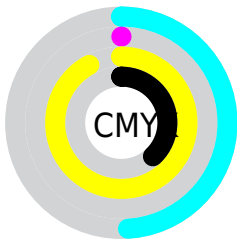
Blue (5%)



Red (5%)

Yellow (62%)

Blue (35%)

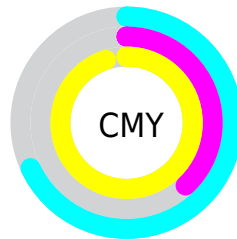


Cyan (49%)

Magenta (0%)

Yellow (92%)

Black (38%)



Cyan (68%)

Magenta (38%)


Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 519E0D 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 519E0D by changing the saturation by 10% instead.



 519E0D

 519E0D

FFFFFF

 338300

 8AD54D

 0D6A00

 A6F268

 005100

 C3FF83

 003900

 E0FF9F

 002300

 FEFFBB

 000000

 FFFFD7

 FFFFF5

 519E0D

 519E0D

■ 4A9E00

■ 599E1D

■ 629E2D

■ 6A9E3C

■ 739E4C

■ 7B9E5C

■ 839E6C

■ 8C9E7C

■ 949E8B

■ 9D9E9B

# Harmonies

## Analogous

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



998F00



519E0D



00A659

# Triad

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



519E0D



00A0FF



FE417D

# Complementary

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



519E0D



5A0D9E

# 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.



E650BE



519E0D



008EFF

# Square

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



519E0D



00A8DB



A372F3



F3573F

# Rectangle

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



519E0D



00A886



A372F3



FA4193



# Sweetspot

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



519E0D



B0CF95



9E580D



566945



E8E8E8



696969



# Same Dimension

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



519E0D



61CF00



0D9E0F



4B4F47



438F00



070F00



# Inverse Universe

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



5A0D9E



6E00CF



9E0D9C



4B474F



4C008F



08000F



# Previews

## White Background



This preview shows how the Hex color 519E0D looks on a white background.

## Color Contrast Check

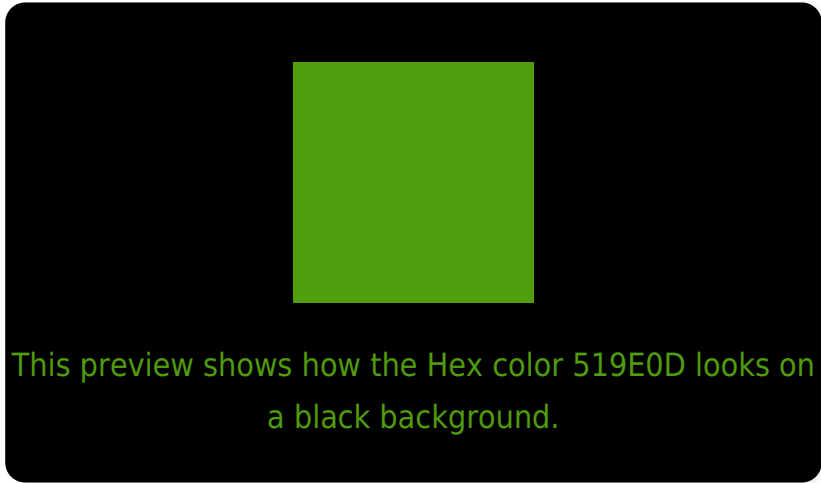
Large Text (above 18pt) WCAG AA ✓ Pass

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 519E0D Background



This preview shows how black text looks on a background with the Hex color 519E0D.



This preview shows how white text looks on a background with the Hex color 519E0D.

# 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**  
519E0D

**Protanopia**  
9D8C00

**Deuteranopia**  
AF8422



**Tritanopia**  
66939F

# Trichromacy



**Original Color**  
519E0D



**Protanomaly**  
819305



**Deuteranomaly**  
8D8D1A



**Tritanomaly**  
5E976A

# Monochromacy



**Original Color**  
519E0D



**Achromatopsia**  
767676



**Achromatomaly**  
698550

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 519E0D 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 #519E0D looks like.

```
.text, #text, p{  
    color:#519E0D  
}
```

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 #519E0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519E0D
}
```

## Border

The CSS property to change the border of an element to Hex 519E0D 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
#519E0D }
```

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

```
.border{ border-color:#519E0D }
```

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

Here you see how a box with a 4 pixel #519E0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519E0D; -webkit-box-shadow:4px 4px  
4px 4px #519E0D; box-shadow:4px 4px 4px  
4px #519E0D }
```

# Background

The CSS property to change the background color of an element to Hex 519E0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519E0D }
```

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

```
.background{ background-color:#519E0D }
```

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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