

# Converting Colors

Hex(519939)

Have a look what the booklet for  
Hex(519939) contains.

|  |    |
|--|----|
| <b>Hex(519939)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(519939)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 519939                       |
| RGB         | 81, 153, 57                  |
| RGB Percent | 32%, 60%, 22%                |
| CMY         | 0.6824, 0.4000, 0.7765       |
| CMYK        | 0.47, 0.00, 0.63, 0.40       |
| HSL         | 105°, 46%, 41%               |
| HSV         | 105°, 63%, 60%               |
| XYZ         | 15.5231, 24.8272, 7.8449     |
| YIQ         | 120.5280, -12.0960, -45.1200 |

# Conversions

## Conversions Part 2

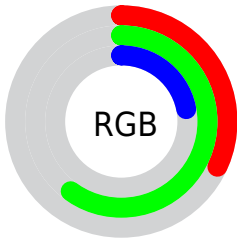
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 57, 153, 129                    |
| Decimal                             | 5347641                         |
| CIELab                              | 56.91, -40.95, 42.48            |
| CIELCh                              | 57, 59.001, 133.947             |
| Yxy                                 | 24.8272, 0.3221,<br>0.5151      |
| Android<br>(android.graphics.Color) | 4283537721<br>(0xFF519939)      |
| YUV                                 | 120.5280, -31.3193,<br>-34.6661 |
| Hunter-Lab                          | 49.8269, -31.5871,<br>25.5441   |

# Details

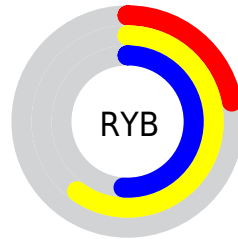
The Hex color **519939** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **813999**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **88D06C**, and **156500** is the 20% darker color. If you saturate the color by 10%, you get **46992A**, and if you desaturate by 10%, it is **5C9948**.

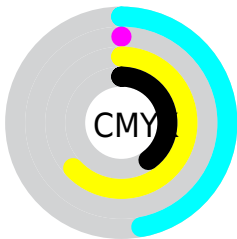
# Distribution



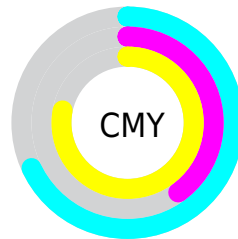
- Red (32%)
- Green (60%)
- Blue (22%)



- Red (22%)
- Yellow (60%)
- Blue (51%)



- Cyan (47%)
- Magenta (0%)
- Yellow (63%)
- Black (40%)




- Cyan (68%)
- Magenta (40%)
- Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 519939 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 519939 by changing the saturation by 10% instead.



 519939

 519939

FFFFFF

 357F1F

 88D06C

 156500

 A3EC86

 004C00

 C0FFA1

 003500

 DDFFB D


 002000

 FAFFD9

 000000

 FFFFF6

 519939

 519939

 46992A

 5C9948

 3A991A

 689958

 2F990B

 739967

 269900

 7F9976

 8A9986

 969995

 A199A4

 AD99B3

 B899C3

# Harmonies

## Analogous

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



8C8E14



519939



009F6A

# Triad

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



519939



0096EB



E65773

# Complementary

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



519939



813999

# 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.



D75CA6



519939



4E86ED

# Square

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



519939



009ECF



AA70D3



D96743

# Rectangle

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



519939



00A18E



AA70D3



E45684



# Sweetspot

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



519939



ABC7A1



998139



52634D



E3E3E3



636363



# Same Dimension

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



519939



57C732



399951



474D45



238C00



030D00



# Inverse Universe

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



813999



A232C7



993981



4B454D



69008C



0A000D



# Previews

## White Background



This preview shows how the Hex color 519939 looks on a white background.

## Color Contrast Check

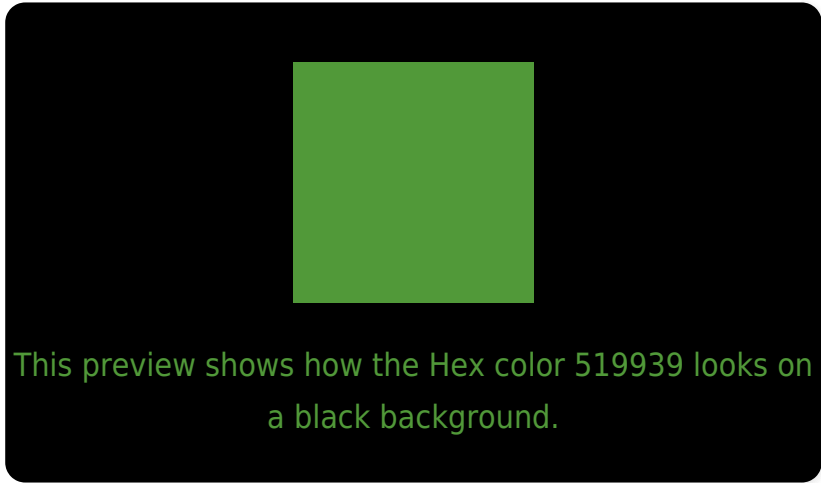
Large Text (above 18pt) WCAG AA ✓ Pass

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

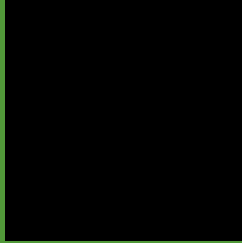
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 519939 Background



This preview shows how black text looks on a background with the Hex color 519939.



This preview shows how white text looks on a background with the Hex color 519939.

# 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**  
519939

**Protanopia**  
978834

**Deuteranopia**  
A88140



**Tritanopia**  
638F9B

# Trichromacy



**Original Color**  
519939



**Protanomaly**  
7E8E36



**Deuteranomaly**  
888A3D



**Tritanomaly**  
5C9377

# Monochromacy



**Original Color**  
519939



**Achromatopsia**  
797979



**Achromatomaly**  
6A8562

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 519939 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 #519939 looks like.

```
.text, #text, p{  
    color:#519939  
}
```

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 #519939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519939
}
```

## Border

The CSS property to change the border of an element to Hex 519939 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
#519939 }
```

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

```
.border{ border-color:#519939 }
```

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

Here you see how a box with a 4 pixel #519939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519939; -webkit-box-shadow:4px 4px  
4px 4px #519939; box-shadow:4px 4px 4px  
4px #519939 }
```

# Background

The CSS property to change the background color of an element to Hex 519939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519939 }
```

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

```
.background{ background-color:#519939 }
```

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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