

# Converting Colors

Hex(539D25)

Have a look what the booklet for  
Hex(539D25) contains.

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**Color**

**Hex(539D25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	539D25
RGB	83, 157, 37
RGB Percent	33%, 62%, 15%
CMY	0.6745, 0.3843, 0.8549
CMYK	0.47, 0.00, 0.76, 0.38
HSL	97°, 62%, 38%
HSV	97°, 76%, 62%
XYZ	15.9582, 26.0865, 5.9444
YIQ	121.1940, -5.5840, -53.0080

# Conversions

## Conversions Part 2

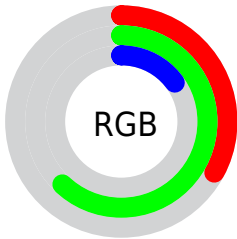
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 157, 111
Decimal	5479717
CIELab	58.12, -43.64, 51.92
CIElCh	58, 67.826, 130.049
Yxy	26.0865, 0.3325, 0.5436
Android (android.graphics.Color)	4283669797 (0xFF539D25)
YUV	121.1940, -41.5076, -33.4961
Hunter-Lab	51.0750, -33.6095, 28.8520

# Details

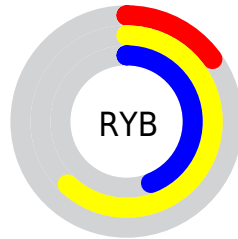
The Hex color **539D25** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **6F259D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8BD45B**, and **146900** is the 20% darker color. If you saturate the color by 10%, you get **499D15**, and if you desaturate by 10%, it is **5D9D35**.

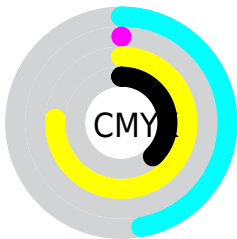
# Distribution



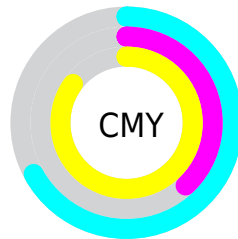
- Red (33%)
- Green (62%)
- Blue (15%)



- Red (15%)
- Yellow (62%)
- Blue (44%)



- Cyan (47%)
- Magenta (0%)
- Yellow (76%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 539D25 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 539D25 by changing the saturation by 10% instead.



 539D25

 539D25

FFFFFF

 368200

 8BD45B

 146900

 A7F175

 005000

 C4FF90

 003800

 E1FFAC

 002300

 FEFFC8

 000000

 FFFF E5

 539D25

 539D25

 499D15

 5D9D35

■ 409D06

■ 669D44

■ 3C9D00

■ 709D54

■ 7A9D64

■ 839D74

■ 8D9D83

■ 979D93

■ A09DA3

■ AA9DB2

# Harmonies

## Analogous

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



958F00



539D25



00A461

# Triad

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



539D25



009DFB



F54D7A

# Complementary

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



539D25



6F259D

# 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.



E156B6



539D25



008CFF

# Square

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



539D25



00A5D7



A772E7



EA5F42

# Rectangle

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



539D25



00A68A



A772E7



F24C8E



# Sweetspot

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



539D25



AFCC9D



9D6F25



546649



E6E6E6



666666



# Same Dimension

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



539D25



58CC10



259D33



4A4F47



378F00



060F00



# Inverse Universe

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



6F259D



8410CC



9D258F



4C474F



58008F



09000F



# Previews

## White Background



This preview shows how the Hex color 539D25 looks on a white background.

## Color Contrast Check

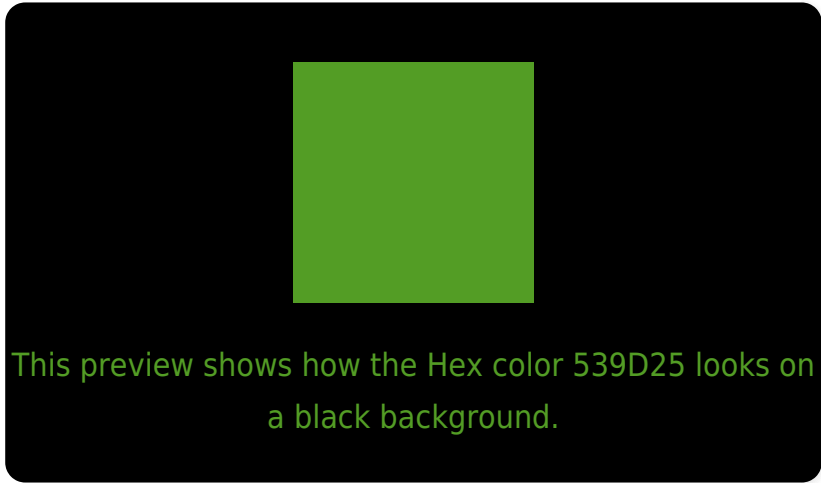
Large Text (above 18pt) WCAG AA ✓ Pass

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 539D25 Background



This preview shows how black text looks on a background with the Hex color 539D25.

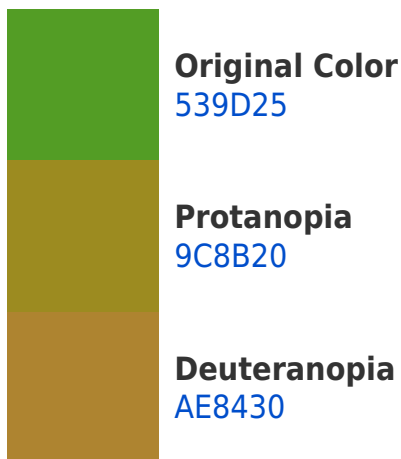


This preview shows how white text looks on a background with the Hex color 539D25.

# 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**  
66929E

# Trichromacy



**Original Color**  
539D25

**Protanomaly**  
819222

**Deuteranomaly**  
8D8D2C

**Tritanomaly**  
5F9672

# Monochromacy



**Original Color**  
539D25

**Achromatopsia**  
797979

**Achromatomaly**  
6B865A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 539D25 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 #539D25 looks like.

```
.text, #text, p{  
    color:#539D25  
}
```

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 #539D25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #539D25
}
```

## Border

The CSS property to change the border of an element to Hex 539D25 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
#539D25 }
```

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

```
.border{ border-color:#539D25 }
```

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

Here you see how a box with a 4 pixel #539D25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #539D25; -webkit-box-shadow:4px 4px  
4px 4px #539D25; box-shadow:4px 4px 4px  
4px #539D25 }
```

# Background

The CSS property to change the background color of an element to Hex 539D25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#539D25 }
```

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

```
.background{ background-color:#539D25 }
```

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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