

# Converting Colors

Hex(59D515)

Have a look what the booklet for  
Hex(59D515) contains.

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**Color**

**Hex(59D515)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 59D515                       |
| RGB         | 89, 213, 21                  |
| RGB Percent | 35%, 84%, 8%                 |
| CMY         | 0.6510, 0.1647, 0.9176       |
| CMYK        | 0.58, 0.00, 0.90, 0.16       |
| HSL         | 99°, 82%, 46%                |
| HSV         | 99°, 90%, 84%                |
| XYZ         | 28.0494, 49.7665, 8.8370     |
| YIQ         | 154.0360, -12.2720, -86.0000 |

# Conversions

## Conversions Part 2

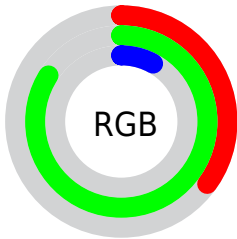
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">21, 213, 145</a>                     |
| Decimal                             | <a href="#">5887253</a>                          |
| CIELab                              | <a href="#">75.93, -63.34, 71.90</a>             |
| CIELCh                              | <a href="#">76, 95.823, 131.380</a>              |
| Yxy                                 | <a href="#">49.7665, 0.3237,<br/>0.5743</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4284077333<br/>(0xFF59D515)</a>      |
| YUV                                 | <a href="#">154.0360, -65.5867,<br/>-57.0366</a> |
| Hunter-Lab                          | <a href="#">70.5454, -52.4813,<br/>41.9547</a>   |

# Details

The Hex color **59D515** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9115D5**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **98FF5A**, and **009D00** is the 20% darker color. If you saturate the color by 10%, you get **4BD500**, and if you desaturate by 10%, it is **67D52A**.

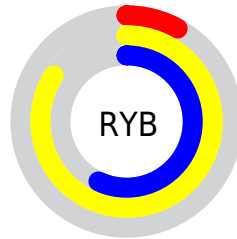
# Distribution



Red (35%)

Green (84%)

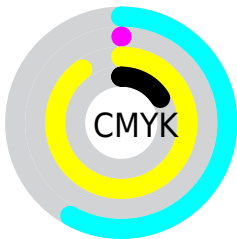
Blue (8%)



Red (8%)

Yellow (84%)

Blue (57%)

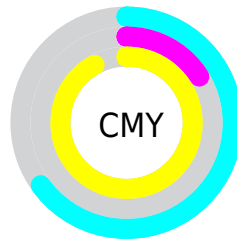


Cyan (58%)

Magenta (0%)

Yellow (90%)

Black (16%)



Cyan (65%)

Magenta (16%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59D515 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 59D515 by changing the saturation by 10% instead.



 59D515

 59D515

FFFFFF

 35B900

 98FF5A

 009D00

 B6FF77

 008200

 D5FF94

 006800

 F3FFB1

 004E00

 FFFFCE

 003700

 FFFFEB

 001D00

 000000

 59D515

 59D515

 4BD500

 67D52A

 75D540

 82D555

 90D56A

 9ED580

 ACD595

 B9D5AA

 C7D5BF

 D5D5D5

# Harmonies

## Analogous

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



C2C200



59D515



00DF7F

# Triad

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



59D515



00D4FF



FF509E

# Complementary

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



59D515



9115D5

# 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.



FF61F6



59D515



00BBFF

# Square

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



59D515



00E0FF



E792FF



FF7649

# Rectangle

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



59D515



00E2BD



E792FF



FF4FBB

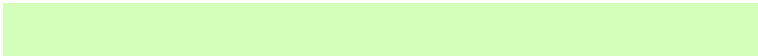


# Sweetspot

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



59D515



D3FFBA



D58F15



658057



000000



808080



# Same Dimension

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



59D515



5AFF00



15D52F



646B60



3DAB00



0F2B00



# Inverse Universe

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



9115D5



A500FF



D515BB



67606B



6E00AB

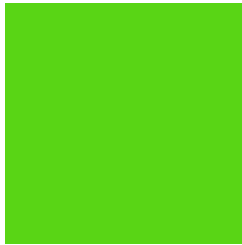


1C002B



# Previews

## White Background



This preview shows how the Hex color 59D515 looks on a white background.

## Color Contrast Check

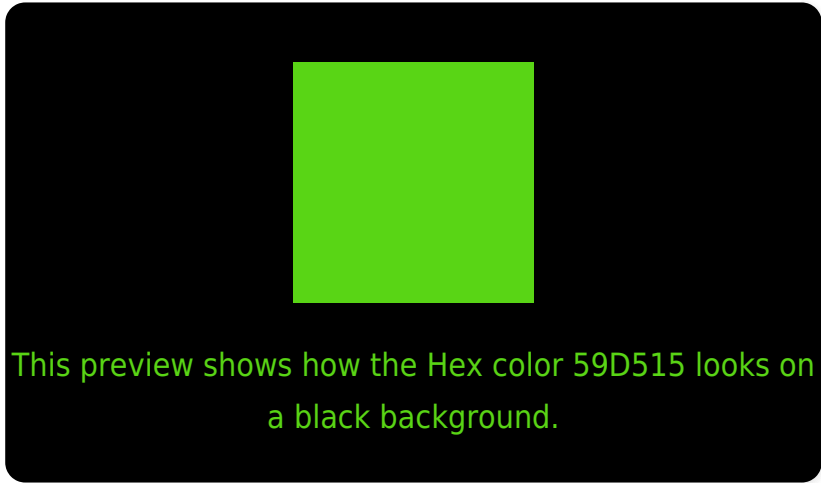
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 59D515 Background



This preview shows how black text looks on a background with the Hex color 59D515.



This preview shows how white text looks on a background with the Hex color 59D515.

# 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](#).

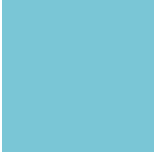
## Dichromacy



**Original Color**  
59D515

**Protanopia**  
D2BA06

**Deuteranopia**  
E9B030



**Tritanopia**  
7AC6D6

# Trichromacy



**Original Color**  
59D515



**Protanomaly**  
A6C40B



**Deuteranomaly**  
B5BD26



**Tritanomaly**  
6ECB90

# Monochromacy



**Original Color**  
59D515



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
82AF6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59D515 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 #59D515 looks like.

```
.text, #text, p{  
    color:#59D515  
}
```

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 #59D515 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D515
}
```

## Border

The CSS property to change the border of an element to Hex 59D515 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
#59D515 }
```

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

```
.border{ border-color:#59D515 }
```

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

Here you see how a box with a 4 pixel #59D515 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D515; -webkit-box-shadow:4px 4px  
4px 4px #59D515; box-shadow:4px 4px 4px  
4px #59D515 }
```

# Background

The CSS property to change the background color of an element to Hex 59D515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D515 }
```

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

```
.background{ background-color:#59D515 }
```

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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