

# Converting Colors

Hex(59DB5A)

Have a look what the booklet for  
Hex(59DB5A) contains.

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**Color**

**Hex(59DB5A)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 59DB5A                       |
| RGB         | 89, 219, 90                  |
| RGB Percent | 35%, 86%, 35%                |
| CMY         | 0.6510, 0.1412, 0.6471       |
| CMYK        | 0.59, 0.00, 0.59, 0.14       |
| HSL         | 120°, 64%, 60%               |
| HSV         | 120°, 59%, 86%               |
| XYZ         | 31.2968, 53.5251, 18.3547    |
| YIQ         | 165.4240, -36.0710, -67.6790 |

# Conversions

## Conversions Part 2

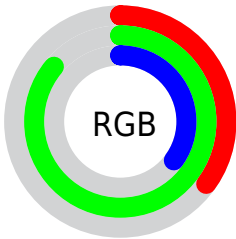
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 89, 218, 219                    |
| Decimal                             | 5888858                         |
| CIELab                              | 78.18, -60.70, 51.90            |
| CIElCh                              | 78, 79.863, 139.465             |
| Yxy                                 | 53.5251, 0.3033,<br>0.5188      |
| Android<br>(android.graphics.Color) | 4284078938<br>(0xFF59DB5A)      |
| YUV                                 | 165.4240, -37.1840,<br>-67.0238 |
| Hunter-Lab                          | 73.1608, -51.6726,<br>36.3378   |

# Details

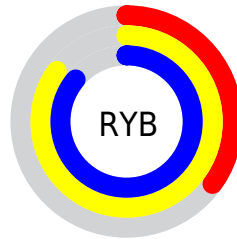
The Hex color **59DB5A** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **DB59DA**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **96FF90**, and **00A323** is the 20% darker color. If you saturate the color by 10%, you get **43DB44**, and if you desaturate by 10%, it is **6FDB70**.

# Distribution



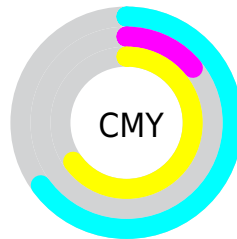
- Red (35%)
- Green (86%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (86%)



- Cyan (59%)
- Magenta (0%)
- Yellow (59%)
- Black (14%)



- Cyan (65%)
- Magenta (14%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59DB5A 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 59DB5A by changing the saturation by 10% instead.



 59DB5A

 59DB5A

FFFFFF

 36BF3F

 96FF90

 00A323

 B4FFAB

 008800

 D2FFC7

 006D00

 F1FFE4

 005300

 003B00

 002300

 000000

 59DB5A

 59DB5A

 43DB44

 6FDB70

 2DDB2F

 85DB85

 17DB19

 9BDB9B

 01DB03

 B1DBB1

 00DB02

 C7DBC7

 DCDBDC

 F2DBF2

 FFDBFF

# Harmonies

## Analogous

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



B8CC18



59DB5A



00E2A4

# Triad

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



59DB5A



00D2FF



FF7B94

# Complementary

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



59DB5A



DB59DA

# 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.



FF7BDF



59DB5A



8CB9FF

# Square

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



59DB5A



00DFFF



FF97FF



FF9651

# Rectangle

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



59DB5A



00E4D8



FF97FF



FF77AD

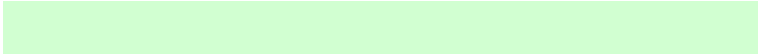


# Sweetspot

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



59DB5A



D1FFD1



DBDB59



638064



000000



808080



# Same Dimension

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



59DB5A



4AFF4B



59DB9A



636E63



00AD01



002E00



# Inverse Universe

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



DB59DA



FF4AFE



DB599A



6E636E



AD00AC

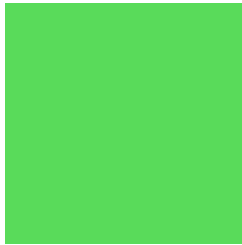


2E002E



# Previews

## White Background



This preview shows how the Hex color 59DB5A 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



This preview shows how the Hex color 59DB5A looks on a 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 59DB5A Background



This preview shows how black text looks on a background with the Hex color 59DB5A.

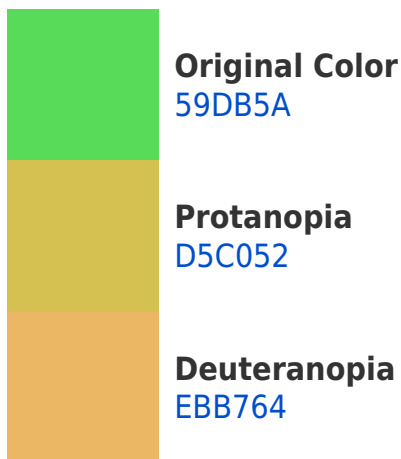


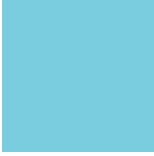
This preview shows how white text looks on a background with the Hex color 59DB5A.

# 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**  
79CDDE

# Trichromacy



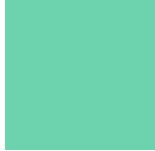
**Original Color**  
59DB5A



**Protanomaly**  
A8CA55



**Deuteranomaly**  
B6C460

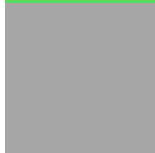


**Tritanomaly**  
6DD2AE

# Monochromacy



**Original Color**  
59DB5A



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
89B98A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59DB5A 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 #59DB5A looks like.

```
.text, #text, p{  
    color:#59DB5A  
}
```

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 #59DB5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59DB5A
}
```

## Border

The CSS property to change the border of an element to Hex 59DB5A 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
#59DB5A }
```

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

```
.border{ border-color:#59DB5A }
```

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

Here you see how a box with a 4 pixel #59DB5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59DB5A; -webkit-box-shadow:4px 4px  
4px 4px #59DB5A; box-shadow:4px 4px 4px  
4px #59DB5A }
```

# Background

The CSS property to change the background color of an element to Hex 59DB5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59DB5A }
```

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

```
.background{ background-color:#59DB5A }
```

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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