

# Converting Colors

Hex(55D602)

Have a look what the booklet for  
Hex(55D602) contains.

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**Color**

**Hex(55D602)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55D602
RGB	85, 214, 2
RGB Percent	33%, 84%, 1%
CMY	0.6667, 0.1608, 0.9922
CMYK	0.60, 0.00, 0.99, 0.16
HSL	97°, 98%, 42%
HSV	97°, 99%, 84%
XYZ	27.8038, 50.0288, 8.2485
YIQ	151.2610, -8.8320, -93.2800

# Conversions

## Conversions Part 2

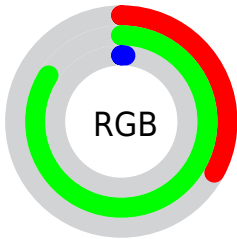
Format	Color
<a href="#">RYB</a>	<a href="#">2, 214, 131</a>
Decimal	<a href="#">5625346</a>
CIELab	<a href="#">76.09, -65.01, 74.14</a>
CIELCh	<a href="#">76, 98.611, 131.245</a>
Yxy	<a href="#">50.0288, 0.3230, 0.5812</a>
Android (android.graphics.Color)	<a href="#">4283815426 (0xFF55D602)</a>
YUV	<a href="#">151.2610, -73.5857, -58.1109</a>
Hunter-Lab	<a href="#">70.7310, -53.6123, 42.5974</a>

# Details

The Hex color **55D602** 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 **8302D6**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **95FF55**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **54D600**, and if you desaturate by 10%, it is **62D617**.

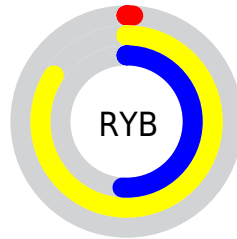
# Distribution



Red (33%)

Green (84%)

Blue (1%)



Red (1%)

Yellow (84%)

Blue (51%)

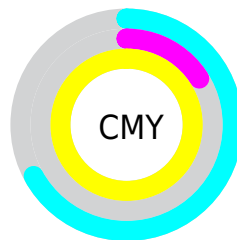


Cyan (60%)

Magenta (0%)

Yellow (99%)

Black (16%)



Cyan (67%)

Magenta (16%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55D602 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 55D602 by changing the saturation by 10% instead.



 55D602

 55D602

FFFFFF

 2FBA00

 95FF55

 009E00

 B3FF72

 008300

 D2FF8F

 006900

 F1FFAC

 004F00

 FFFFC9

 003700

 FFFFE7

 001E00

 000000

 55D602

 55D602

■ 54D600

■ 62D617

■ 6FD62D

■ 7CD642

■ 89D658

■ 96D66D

■ A3D682

■ B0D698

■ BDD6AD

■ CAD6C3

# Harmonies

## Analogous

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



C2C300



55D602



00E07D

# Triad

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



55D602



00D6FF



FF4A9E

# Complementary

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



55D602



8302D6

# 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.



FF5DF8



55D602



00BCFF

# Square

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



55D602



00E1FF



E791FF



FF7346

# Rectangle

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



55D602



00E3BD



E791FF



FF47BC

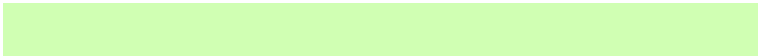


# Sweetspot

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



55D602



D0FFB3



D68102



648052



000000



808080



# Same Dimension

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



55D602



64FF00



02D617



656B60



43AB00



112B00



# Inverse Universe

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



8302D6



9B00FF



D602C1



67606B



6800AB

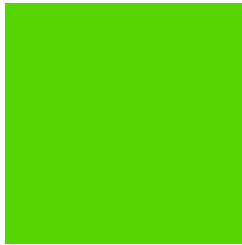


1A002B



# Previews

## White Background



This preview shows how the Hex color 55D602 looks on a white background.

## Color Contrast Check

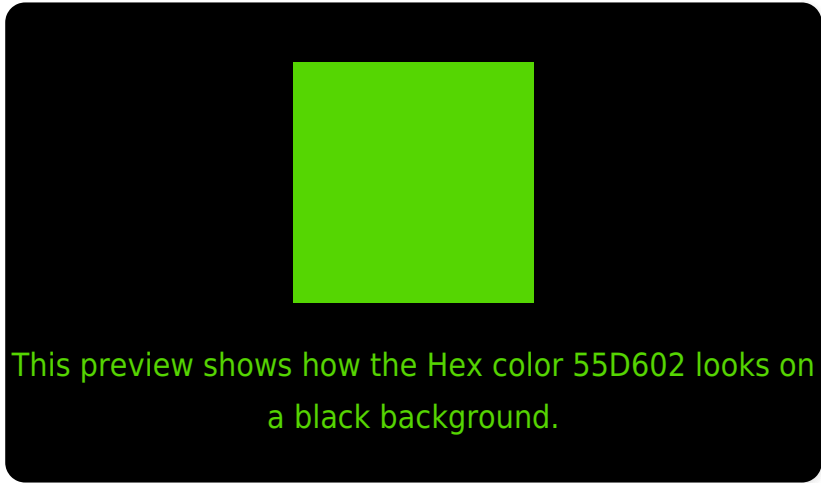
Large Text (above 18pt) WCAG AA × Fail

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

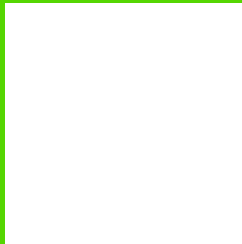
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55D602 Background



This preview shows how black text looks on a background with the Hex color 55D602.

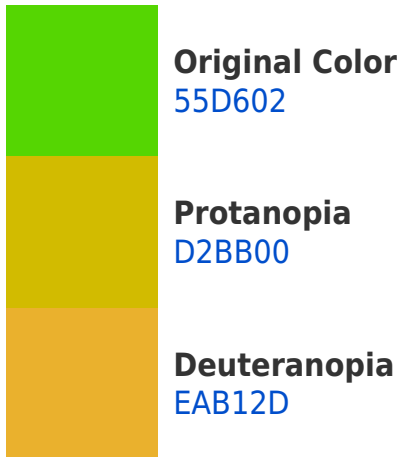


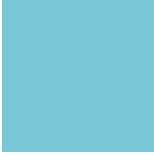
This preview shows how white text looks on a background with the Hex color 55D602.

# 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](#).

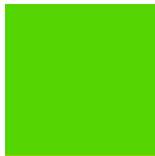
## Dichromacy





**Tritanopia**  
78C7D7

# Trichromacy



**Original Color**  
55D602



**Protanomaly**  
A5C501



**Deuteranomaly**  
B4BE1D



**Tritanomaly**  
6BCC8A

# Monochromacy



**Original Color**  
55D602



**Achromatopsia**  
979797



**Achromatomaly**  
7FAE61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55D602 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 #55D602 looks like.

```
.text, #text, p{  
    color:#55D602  
}
```

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 #55D602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D602
}
```

## Border

The CSS property to change the border of an element to Hex 55D602 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
#55D602 }
```

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

```
.border{ border-color:#55D602 }
```

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

Here you see how a box with a 4 pixel #55D602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D602; -webkit-box-shadow:4px 4px  
4px 4px #55D602; box-shadow:4px 4px 4px  
4px #55D602 }
```

# Background

The CSS property to change the background color of an element to Hex 55D602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D602 }
```

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

```
.background{ background-color:#55D602 }
```

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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