

# Converting Colors

Hex(63DA53)

Have a look what the booklet for  
Hex(63DA53) contains.

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**Color**

**Hex(63DA53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63DA53
RGB	99, 218, 83
RGB Percent	39%, 85%, 33%
CMY	0.6118, 0.1451, 0.6745
CMYK	0.55, 0.00, 0.62, 0.15
HSL	113°, 65%, 59%
HSV	113°, 62%, 85%
XYZ	31.7783, 53.4200, 16.8198
YIQ	167.0290, -27.5890, -67.2130

# Conversions

## Conversions Part 2

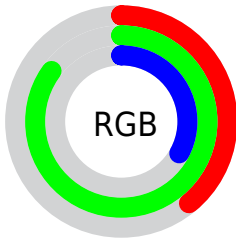
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 218, 202
Decimal	6543955
CIELab	78.12, -58.67, 54.97
CIELCh	78, 80.396, 136.866
Yxy	53.4200, 0.3115, 0.5236
Android (android.graphics.Color)	4284734035 (0xFF63DA53)
YUV	167.0290, -41.4263, -59.6614
Hunter-Lab	73.0890, -50.2958, 37.5180

# Details

The Hex color **63DA53** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **CA53DA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9FFF89**, and **19A219** is the 20% darker color. If you saturate the color by 10%, you get **50DA3D**, and if you desaturate by 10%, it is **76DA69**.

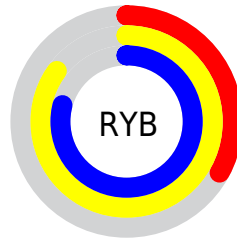
# Distribution



Red (39%)

Green (85%)

Blue (33%)



Red (33%)

Yellow (85%)

Blue (79%)

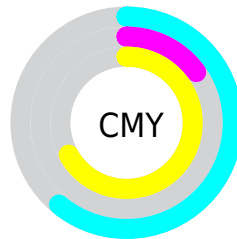


Cyan (55%)

Magenta (0%)

Yellow (62%)

Black (15%)



Cyan (61%)

Magenta (15%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63DA53 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 63DA53 by changing the saturation by 10% instead.



 63DA53

 63DA53

FFFFFF

 43BE38

 9FFF89

 19A219

 BDFFA5

 008700

 DBFFC1

 006D00

 F9FFDE

 005300

 FFFFFB

 003B00

 002300

 000000

 63DA53

 63DA53

 50DA3D

 76DA69

 3DDA27

 89DA7F

 29DA12

 9DDA94

 1ADA00

 B0DAAA

 C3DAC0

 D6DAD6

 EADAEC

 FDDAFF

 FFDAFF

# Harmonies

## Analogous

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



BECA0D



63DA53



00E29D

# Triad

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



63DA53



00D3FF



FF789A

# Complementary

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



63DA53



CA53DA

# 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.



FF7CE5



63DA53



7ABBFF

# Square

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



63DA53



00E0FF



F99AFF



FF9256

# Rectangle

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



63DA53



00E4D1



F99AFF



FF75B3

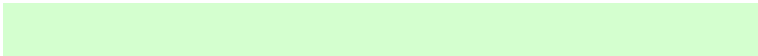


# Sweetspot

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



63DA53



D4FFCF



DAC853



668062



000000



808080



# Same Dimension

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



63DA53



59FF42



53DA85



646E63



15AD00



052E00



# Inverse Universe

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



CA53DA



E942FF



DA53A8



6C636E



9900AD

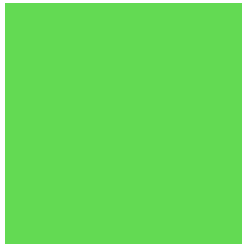


28002E



# Previews

## White Background



This preview shows how the Hex color 63DA53 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 63DA53 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

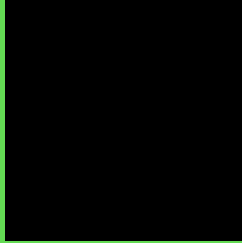
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63DA53 Background



This preview shows how black text looks on a background with the Hex color 63DA53.

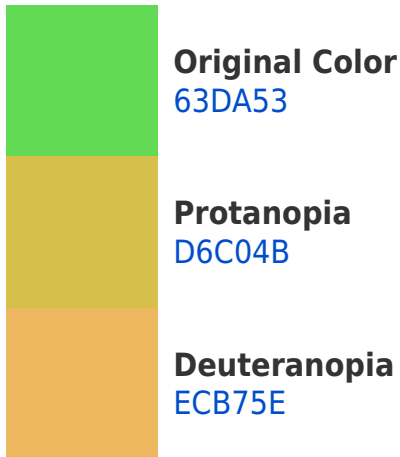


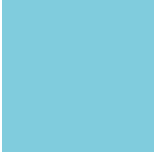
This preview shows how white text looks on a background with the Hex color 63DA53.

# 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](#).

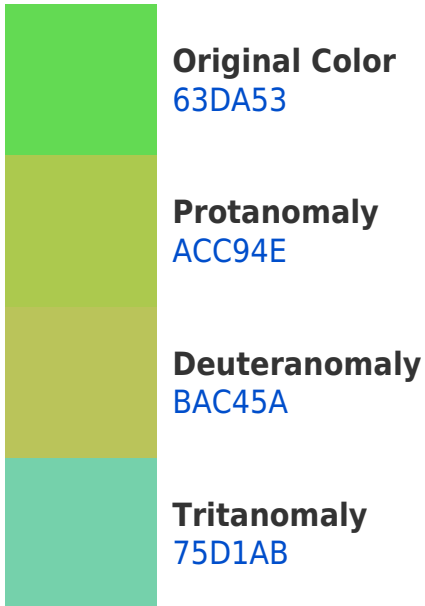
## Dichromacy



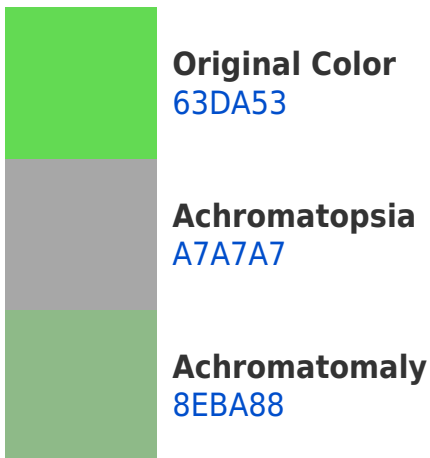


**Tritanopia**  
80CCDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63DA53 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 #63DA53 looks like.

```
.text, #text, p{  
    color:#63DA53  
}
```

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 #63DA53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63DA53
}
```

## Border

The CSS property to change the border of an element to Hex 63DA53 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
#63DA53 }
```

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

```
.border{ border-color:#63DA53 }
```

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

Here you see how a box with a 4 pixel #63DA53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63DA53; -webkit-box-shadow:4px 4px  
4px 4px #63DA53; box-shadow:4px 4px 4px  
4px #63DA53 }
```

# Background

The CSS property to change the background color of an element to Hex 63DA53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63DA53 }
```

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

```
.background{ background-color:#63DA53 }
```

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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