

# Converting Colors

Hex(6AC353)

Have a look what the booklet for  
Hex(6AC353) contains.

<b>Hex(6AC353)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6AC353)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AC353
RGB	106, 195, 83
RGB Percent	42%, 76%, 33%
CMY	0.5843, 0.2353, 0.6745
CMYK	0.46, 0.00, 0.57, 0.24
HSL	108°, 48%, 55%
HSV	108°, 57%, 76%
XYZ	27.0203, 42.7189, 15.0051
YIQ	155.6210, -17.0920, -53.7000

# Conversions

## Conversions Part 2

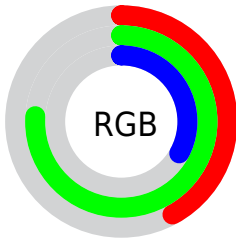
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">83, 195, 172</a>
Decimal	<a href="#">6996819</a>
CIELab	<a href="#">71.36, -47.80, 47.32</a>
CIELCh	<a href="#">71, 67.263, 135.289</a>
Yxy	<a href="#">42.7189, 0.3188, 0.5041</a>
Android (android.graphics.Color)	<a href="#">4285186899 (0xFF6AC353)</a>
YUV	<a href="#">155.6210, -35.8022, -43.5176</a>
Hunter-Lab	<a href="#">65.3597, -40.5860, 32.1402</a>

# Details

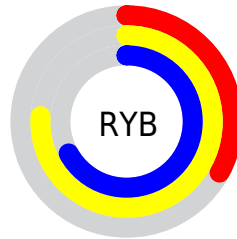
The Hex color **6AC353** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **AC53C3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A3FC88**, and **2F8C1E** is the 20% darker color. If you saturate the color by 10%, you get **5BC340**, and if you desaturate by 10%, it is **79C367**.

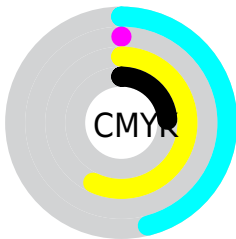
# Distribution



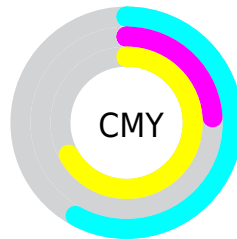
- Red (42%)
- Green (76%)
- Blue (33%)



- Red (33%)
- Yellow (76%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (57%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AC353 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 6AC353 by changing the saturation by 10% instead.





6AC353



6AC353

FFFFFF



4DA739



A3FC88



2F8C1E



BFFFA3



017200



DFFFBF



005900



FAFFDB



004000



FFFFF8



002B00



000900



000000



6AC353



6AC353

 5BC340

 79C367

 4BC32C

 89C37A

 3CC318

 98C38E

 2CC305

 A8C3A1

 28C300

 B7C3B5

 C7C3C8

 D6C3DB

 E6C3EF

 F5C3FF

# Harmonies

## Analogous

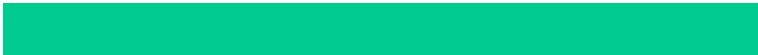
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1B52A



6AC353



00CA8D

# Triad

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



6AC353



00BEFF



FF7692

# Complementary

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



6AC353



AC53C3

# 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.



FF7AD0



6AC353



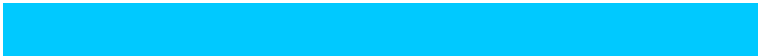
74ABFF

# Square

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



6AC353



00C9FF



DA91FF



FF885A

# Rectangle

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



6AC353



00CCB8



DA91FF



FF74A6

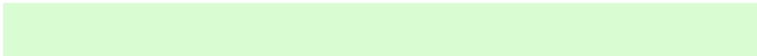


# Sweetspot

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



6AC353



DAFCD2



C3AB53



6B8066



000000



808080



# Same Dimension

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



6AC353



72FC4E



53C373



596157



21A100



072100



# Inverse Universe

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



AC53C3



D9EFC



C353A3



5F5761



8000A1



1A0021



# Previews

## White Background



This preview shows how the Hex color 6AC353 looks on a white background.

## Color Contrast Check

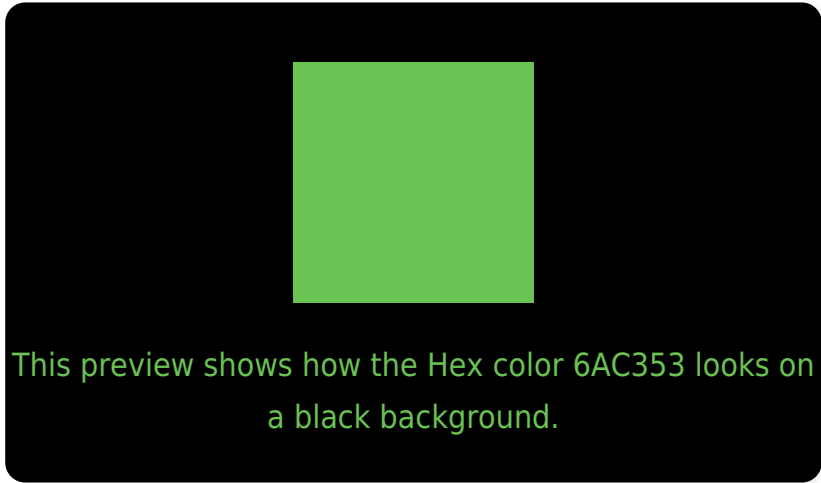
Large Text (above 18pt) WCAG AA × Fail

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 6AC353 Background



This preview shows how black text looks on a background with the Hex color 6AC353.

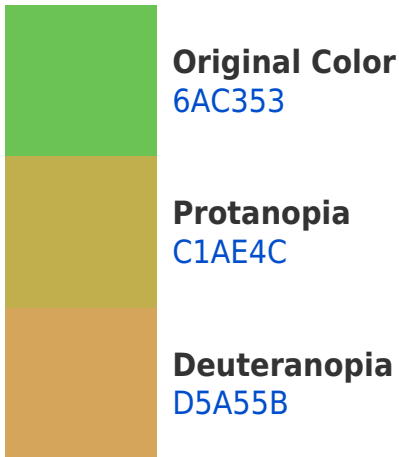


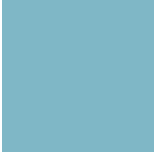
This preview shows how white text looks on a background with the Hex color 6AC353.

# 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](#).

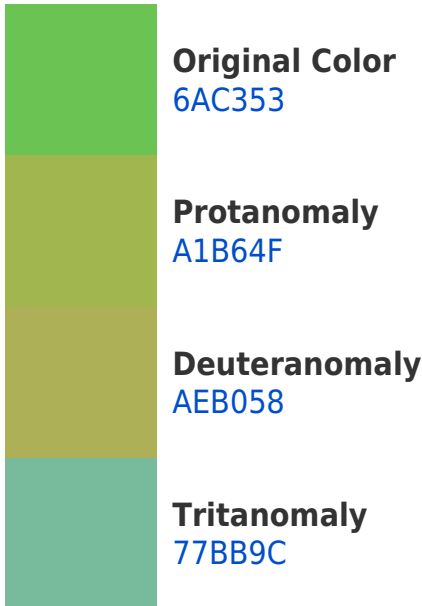
## Dichromacy



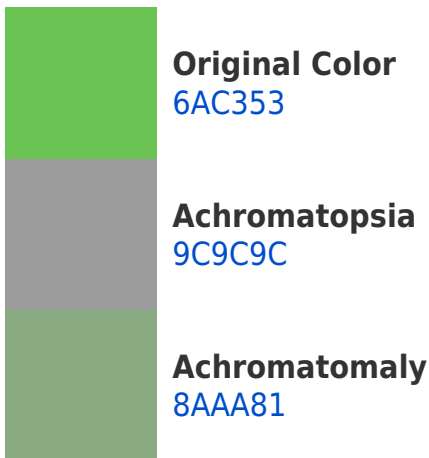


**Tritanopia**  
7FB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AC353 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 #6AC353 looks like.

```
.text, #text, p{  
    color:#6AC353  
}
```

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 #6AC353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC353
}
```

## Border

The CSS property to change the border of an element to Hex 6AC353 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
#6AC353 }
```

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

```
.border{ border-color:#6AC353 }
```

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

Here you see how a box with a 4 pixel #6AC353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC353; -webkit-box-shadow:4px 4px  
4px 4px #6AC353; box-shadow:4px 4px 4px  
4px #6AC353 }
```

# Background

The CSS property to change the background color of an element to Hex 6AC353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC353 }
```

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

```
.background{ background-color:#6AC353 }
```

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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