

# Converting Colors

Hex(6FC535)

Have a look what the booklet for  
Hex(6FC535) contains.

<b>Hex(6FC535)</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(6FC535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FC535
RGB	111, 197, 53
RGB Percent	44%, 77%, 21%
CMY	0.5647, 0.2275, 0.7922
CMYK	0.44, 0.00, 0.73, 0.23
HSL	96°, 58%, 49%
HSV	96°, 73%, 77%
XYZ	27.1644, 43.5691, 10.3461
YIQ	154.8700, -5.0320, -63.0160

# Conversions

## Conversions Part 2

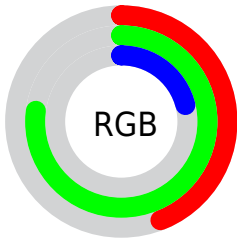
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 197, 139
Decimal	7324981
CIELab	71.94, -49.70, 60.36
CIELCh	72, 78.185, 129.470
Yxy	43.5691, 0.3350, 0.5374
Android (android.graphics.Color)	4285515061 (0xFF6FC535)
YUV	154.8700, -50.2219, -38.4740
Hunter-Lab	66.0069, -42.0523, 36.9115

# Details

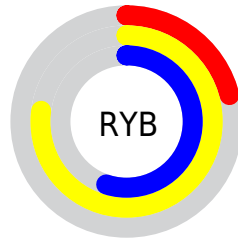
The Hex color **6FC535** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8B35C5**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A9FE6D**, and **338E00** is the 20% darker color. If you saturate the color by 10%, you get **63C521**, and if you desaturate by 10%, it is **7BC549**.

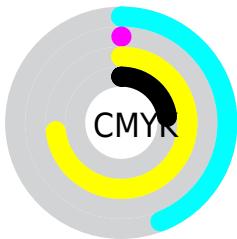
# Distribution



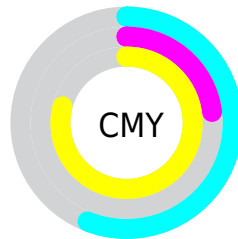
- Red (44%)
- Green (77%)
- Blue (21%)



- Red (21%)
- Yellow (77%)
- Blue (55%)



- Cyan (44%)
- Magenta (0%)
- Yellow (73%)
- Black (23%)



- Cyan (56%)
- Magenta (23%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FC535 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 6FC535 by changing the saturation by 10% instead.



 6FC535

 6FC535

FFFFFF

 52A913

 A9FE6D

 338E00

 C6FF88

 057400

 E3FFA4

 005B00

 FFFFC0

 004200

 FFFFDD

 002D00

 FFFFFB

 000D00

 000000

 6FC535

 6FC535

■ 63C521

■ 7BC549

■ 57C50E

■ 87C55C

■ 4FC500

■ 92C570

■ 9EC584

■ AAC598

■ B6C5AB

■ C1C5BF

■ CDC5D3

■ D9C5E6

# Harmonies

## Analogous

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



BEB400



6FC535



00CE7B

# Triad

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



6FC535



00C5FF



FF669D

# Complementary

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



6FC535



8B35C5

# 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.



FF72E4



6FC535



05B1FF

# Square

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



6FC535



00CFFF



CF93FF



FF7B59

# Rectangle

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



6FC535



00D1AD



CF93FF



FF66B5

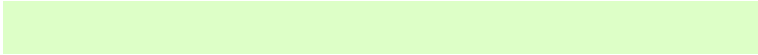


# Sweetspot

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



6FC535



DFFFC7



C58935



6C805E



000000



808080



# Same Dimension

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



6FC535



79FF1F



35C541



5E635A



42A300



0E2400



# Inverse Universe

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



8B35C5



A51FFF



C535B9



5F5A63



6100A3



150024



# Previews

## White Background



This preview shows how the Hex color 6FC535 looks on a white background.

## Color Contrast Check

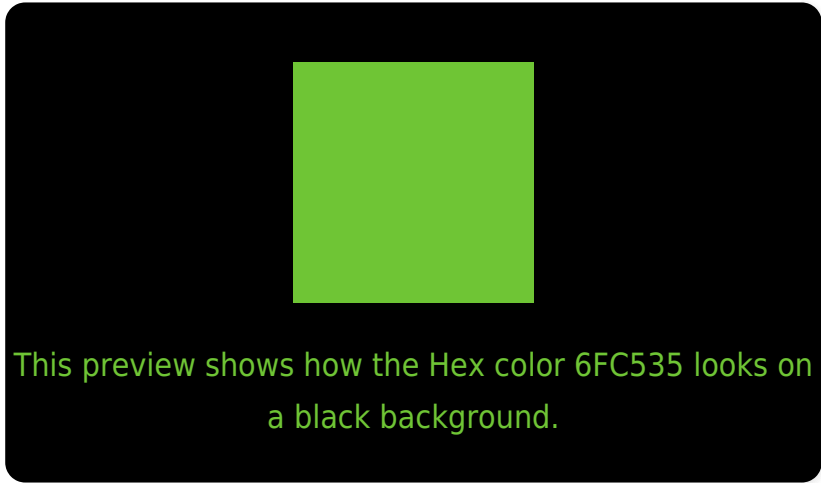
Large Text (above 18pt) WCAG AA × Fail

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 6FC535 Background



This preview shows how black text looks on a background with the Hex color 6FC535.

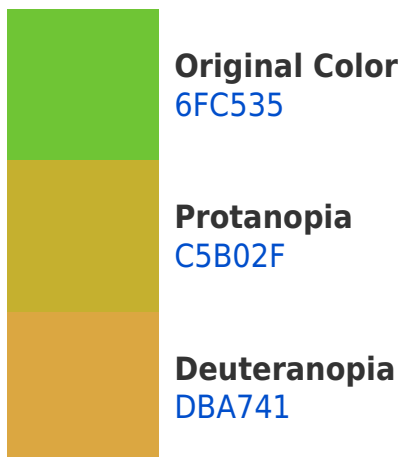


This preview shows how white text looks on a background with the Hex color 6FC535.

# 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**  
86B8C7

# Trichromacy



**Original Color**  
6FC535



**Protanomaly**  
A6B831



**Deuteranomaly**  
B4B23D



**Tritanomaly**  
7EBD92

# Monochromacy



**Original Color**  
6FC535



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
8BAA76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FC535 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 #6FC535 looks like.

```
.text, #text, p{  
    color:#6FC535  
}
```

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 #6FC535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC535
}
```

## Border

The CSS property to change the border of an element to Hex 6FC535 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
#6FC535 }
```

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

```
.border{ border-color:#6FC535 }
```

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

Here you see how a box with a 4 pixel #6FC535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC535; -webkit-box-shadow:4px 4px  
4px 4px #6FC535; box-shadow:4px 4px 4px  
4px #6FC535 }
```

# Background

The CSS property to change the background color of an element to Hex 6FC535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC535 }
```

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

```
.background{ background-color:#6FC535 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor