

# Converting Colors

Hex(6FC241)

Have a look what the booklet for  
Hex(6FC241) contains.

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# **Color**

**Hex(6FC241)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6FC241
RGB	111, 194, 65
RGB Percent	44%, 76%, 25%
CMY	0.5647, 0.2392, 0.7451
CMYK	0.43, 0.00, 0.66, 0.24
HSL	99°, 51%, 51%
HSV	99°, 66%, 76%
XYZ	26.8015, 42.3447, 11.7618
YIQ	154.4770, -8.0590, -57.7150

# Conversions

## Conversions Part 2

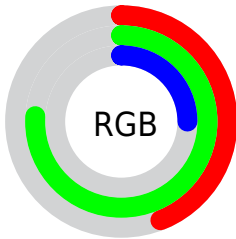
Format	Color
R <sub>YB</sub>	65, 194, 148
Decimal	7324225
CIE Lab	71.11, -47.59, 54.94
CIE LCh	71, 72.682, 130.901
Yxy	42.3447, 0.3313, 0.5234
Android (android.graphics.Color)	4285514305 (0xFF6FC241)
YUV	154.4770, -44.1122, -38.1293
Hunter-Lab	65.0728, -40.3589, 34.8344

# Details

The Hex color **6FC241** 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 **9441C2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A8FB77**, and **348C00** is the 20% darker color. If you saturate the color by 10%, you get **63C22E**, and if you desaturate by 10%, it is **7BC254**.

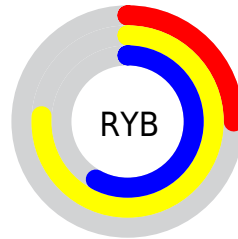
# Distribution



Red (44%)

Green (76%)

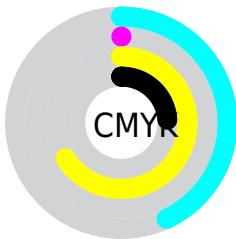
Blue (25%)



Red (25%)

Yellow (76%)

Blue (58%)

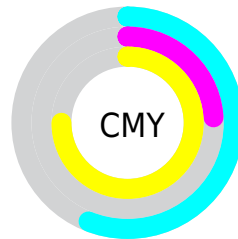


Cyan (43%)

Magenta (0%)

Yellow (66%)

Black (24%)



Cyan (56%)

Magenta (24%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FC241 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 6FC241 by changing the saturation by 10% instead.





6FC241



6FC241

FFFFFF



52A625



A8FB77



348C00



C5FF92



0D7100



E2FFAE



005800



FFFFCA



004000



FFFFE7



002B00



000800



000000



6FC241



6FC241

 63C22E

 7BC254

 56C21A

 88C268

 4AC207

 94C27B

 45C200

 A1C28F

 ADC2A2

 BAC2B5

 C6C2C9

 D3C2DC

 DFC2F0

# Harmonies

## Analogous

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



B8B30D



6FC241



00CA80

# Triad

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



6FC241



00C1FF



FF6C99

# Complementary

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



6FC241



9441C2

# 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.



FF75DB



6FC241



47AEFF

# Square

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



6FC241



00CBFF



D091FF



FF7F5A

# Rectangle

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



6FC241



00CDAE



D091FF



FF6CAF

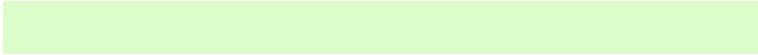


# Sweetspot

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



6FC241



DCFCCA



C29341



6C8061



000000



808080



# Same Dimension

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



6FC241



7BFC32



41C252



5B6157



39A100



0C2100



# Inverse Universe

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



9441C2



B432FC



C241B1



5D5761



6700A1



150021



# Previews

## White Background



This preview shows how the Hex color 6FC241 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 6FC241 Background



This preview shows how black text looks on a background with the Hex color 6FC241.

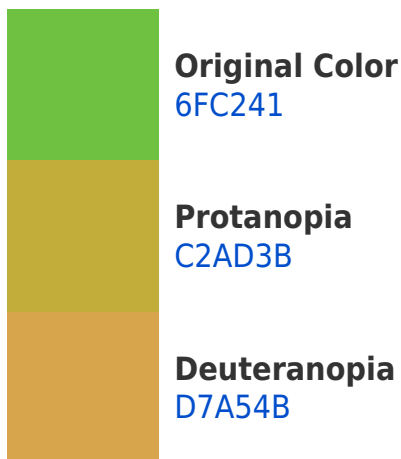


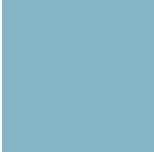
This preview shows how white text looks on a background with the Hex color 6FC241.

# 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**  
84B5C4

# Trichromacy



**Original Color**  
6FC241



**Protanomaly**  
A4B53D



**Deuteranomaly**  
B1B047



**Tritanomaly**  
7CBA94

# Monochromacy



**Original Color**  
6FC241



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
8AA97A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FC241 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 #6FC241 looks like.

```
.text, #text, p{  
    color:#6FC241  
}
```

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 #6FC241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC241
}
```

## Border

The CSS property to change the border of an element to Hex 6FC241 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
#6FC241 }
```

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

```
.border{ border-color:#6FC241 }
```

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

Here you see how a box with a 4 pixel #6FC241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC241; -webkit-box-shadow:4px 4px  
4px 4px #6FC241; box-shadow:4px 4px 4px  
4px #6FC241 }
```

# Background

The CSS property to change the background color of an element to Hex 6FC241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC241 }
```

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

```
.background{ background-color:#6FC241 }
```

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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