

# Converting Colors

Hex(71CB41)

Have a look what the booklet for  
Hex(71CB41) contains.

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**Color**

**Hex(71CB41)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71CB41
RGB	113, 203, 65
RGB Percent	44%, 80%, 25%
CMY	0.5569, 0.2039, 0.7451
CMYK	0.44, 0.00, 0.68, 0.20
HSL	99°, 57%, 53%
HSV	99°, 68%, 80%
XYZ	29.1201, 46.6042, 12.4618
YIQ	160.3580, -9.3420, -61.9980

# Conversions

## Conversions Part 2

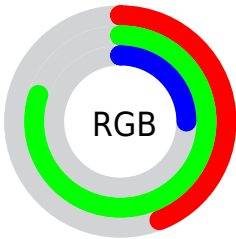
Format	Color
<a href="#">RYB</a>	<a href="#">65, 203, 155</a>
Decimal	<a href="#">7457601</a>
CIELab	<a href="#">73.94, -50.58, 57.96</a>
CIELCh	<a href="#">74, 76.928, 131.113</a>
Yxy	<a href="#">46.6042, 0.3302, 0.5285</a>
Android (android.graphics.Color)	<a href="#">4285647681</a> ( <a href="#">0xFF71CB41</a> )
YUV	<a href="#">160.3580, -47.0115, -41.5330</a>
Hunter-Lab	<a href="#">68.2673, -43.3267, 36.9641</a>

# Details

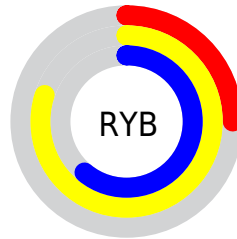
The Hex color **71CB41** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9B41CB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **ABFF78**, and **359400** is the 20% darker color. If you saturate the color by 10%, you get **64CB2D**, and if you desaturate by 10%, it is **7ECB55**.

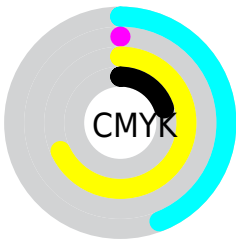
# Distribution



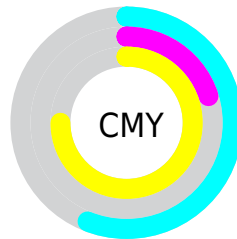
- Red (44%)
- Green (80%)
- Blue (25%)



- Red (25%)
- Yellow (80%)
- Blue (61%)



- Cyan (44%)
- Magenta (0%)
- Yellow (68%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71CB41 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 71CB41 by changing the saturation by 10% instead.



 71CB41

 71CB41

FFFFFF

 54AF24

 ABFF78

 359400

 C8FF93

 097A00

 E6FFAF

 006000

 FFFF00

 004700

 FFFF00

 003000

 001600

 000000

 71CB41

 71CB41

 64CB2D

 7ECB55

 57CB18

 8BCB6A

 49CB04

 99CB7E

 47CB00

 A6CB92

 B3CBA7

 C0CBBB

 CECBCF

 DBCBE3

 E8CBF8

# Harmonies

## Analogous

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



COBB00



71CB41



00D485

# Triad

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



71CB41



00CAFF



FF6F9E

# Complementary

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



71CB41



9B41CB

# 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.



FF78E5



71CB41



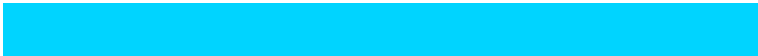
44B5FF

# Square

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



71CB41



00D4FF



DA97FF



FF835C

# Rectangle

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



71CB41



00D6B6



DA97FF



FF6EB6

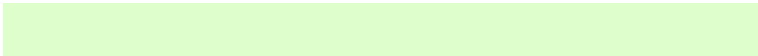


# Sweetspot

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



71CB41



DEFFCC



CB9B41



6C8061



000000



808080



# Same Dimension

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



71CB41



77FF2E



41CB56



5F665C



3AA600



0D2600



# Inverse Universe

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



9B41CB



B62EFF



CB41B6



625C66



6C00A6



190026



# Previews

## White Background



This preview shows how the Hex color 71CB41 looks on a white background.

## Color Contrast Check

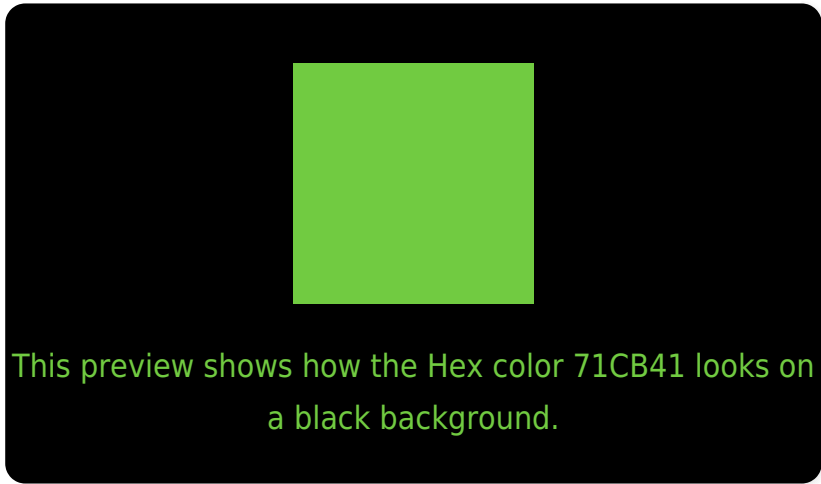
Large Text (above 18pt) WCAG AA × Fail

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 71CB41 Background



This preview shows how black text looks on a background with the Hex color 71CB41.



This preview shows how white text looks on a background with the Hex color 71CB41.

# 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



**Original Color**  
71CB41

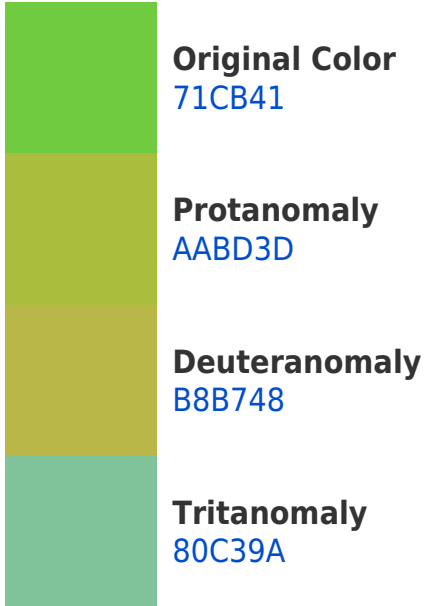
**Protanopia**  
CAB53B

**Deuteranopia**  
E0AC4C

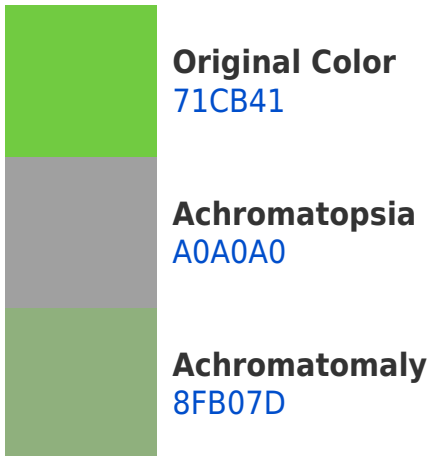


**Tritanopia**  
88BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71CB41 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 #71CB41 looks like.

```
.text, #text, p{  
    color:#71CB41  
}
```

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 #71CB41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71CB41
}
```

## Border

The CSS property to change the border of an element to Hex 71CB41 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
#71CB41 }
```

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

```
.border{ border-color:#71CB41 }
```

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

Here you see how a box with a 4 pixel #71CB41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71CB41; -webkit-box-shadow:4px 4px  
4px 4px #71CB41; box-shadow:4px 4px 4px  
4px #71CB41 }
```

# Background

The CSS property to change the background color of an element to Hex 71CB41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71CB41 }
```

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

```
.background{ background-color:#71CB41 }
```

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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