

# Converting Colors

Hex(73BE61)

Have a look what the booklet for  
Hex(73BE61) contains.

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**Color**

**Hex(73BE61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73BE61
RGB	115, 190, 97
RGB Percent	45%, 75%, 38%
CMY	0.5490, 0.2549, 0.6196
CMYK	0.39, 0.00, 0.49, 0.25
HSL	108°, 42%, 56%
HSV	108°, 49%, 75%
XYZ	27.6414, 41.3348, 17.8308
YIQ	156.9730, -14.8470, -44.8230

# Conversions

## Conversions Part 2

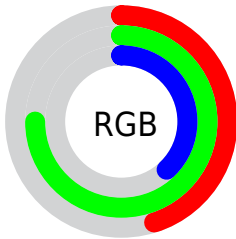
Format	Color
R <sub>Y</sub> B	97, 190, 172
Decimal	7585377
CIE Lab	70.41, -41.19, 39.56
CIE LCh	70, 57.112, 136.155
Yxy	41.3348, 0.3184, 0.4762
Android (android.graphics.Color)	4285775457 (0xFF73BE61)
YUV	156.9730, -29.5667, -36.8103
Hunter-Lab	64.2922, -35.7681, 28.5610

# Details

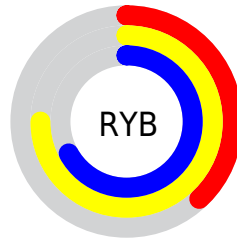
The Hex color **73BE61** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AC61BE**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **AAF795**, and **3C882F** is the 20% darker color. If you saturate the color by 10%, you get **64BE4E**, and if you desaturate by 10%, it is **82BE74**.

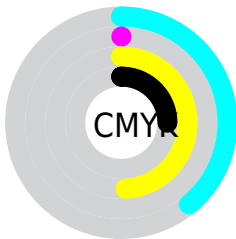
# Distribution



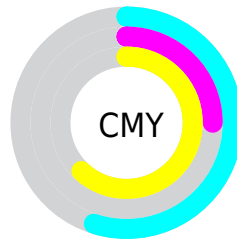
- Red (45%)
- Green (75%)
- Blue (38%)



- Red (38%)
- Yellow (75%)
- Blue (67%)



- Cyan (39%)
- Magenta (0%)
- Yellow (49%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73BE61 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 73BE61 by changing the saturation by 10% instead.



 73BE61

 73BE61

FFFFFF

 58A348

 AAF795

 3C882F

 C7FFB1

 1E6E15

 E4FFCC

 005500

 FFFFE9

 003D00

 002800

 000300

 000000

 73BE61

 73BE61

 64BE4E

 82BE74

 54BE3B

 92BE87

 45BE28

 A1BE9A

 36BE15

 B0BEAD

 26BE02

 C0BEC0

 25BE00

 CFBED3

 DEBEE6

 EEBEF9

 FDBEFF

# Harmonies

## Analogous

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



AEB242



73BE61



00C492

# Triad

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



73BE61



00B9FF



FF7F92

# Complementary

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



73BE61



AC61BE

# 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.



FF82C6



73BE61



85A8FF

# Square

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



73BE61



00C2F6



D393F5



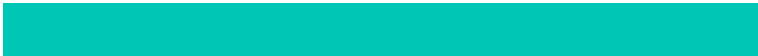
FF8D63

# Rectangle

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



73BE61



00C6B6



D393F5



FF7EA3

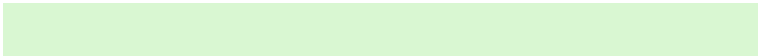


# Sweetspot

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



73BE61



D9F7D2



BEAB61



6B7D66



FCFCFC



7D7D7D



# Same Dimension

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



73BE61



82F765



61BE7D



575E55



1F9E00



061F00



# Inverse Universe

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



AC61BE



DB65F7



BE61A2



5D555E



80009E



19001F



# Previews

## White Background



This preview shows how the Hex color 73BE61 looks on a white background.

## Color Contrast Check

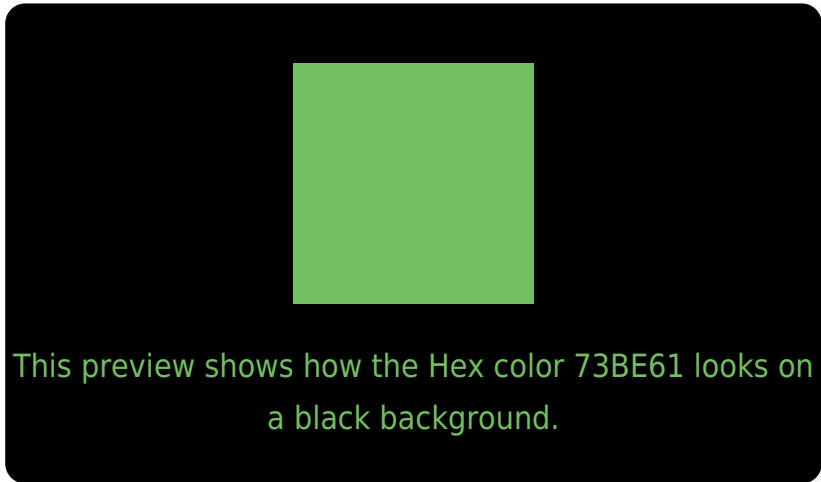
Large Text (above 18pt) WCAG AA × Fail

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

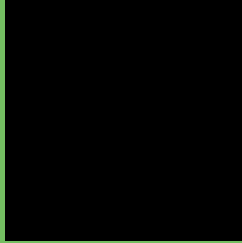
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73BE61 Background



This preview shows how black text looks on a background with the Hex color 73BE61.

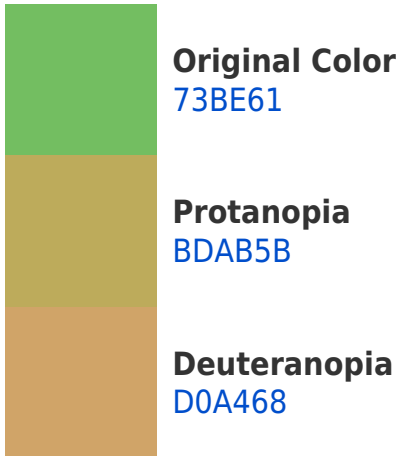


This preview shows how white text looks on a background with the Hex color 73BE61.

# 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](#).

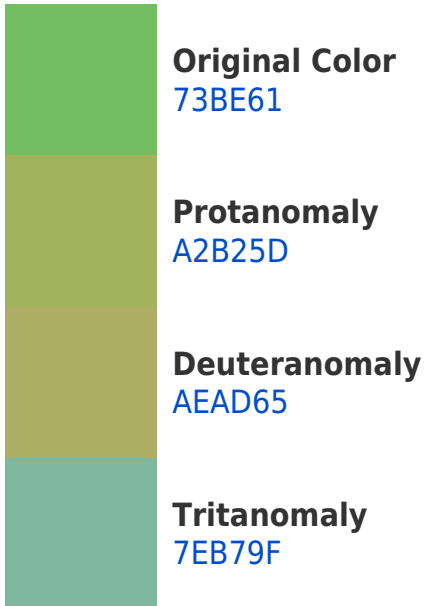
## Dichromacy



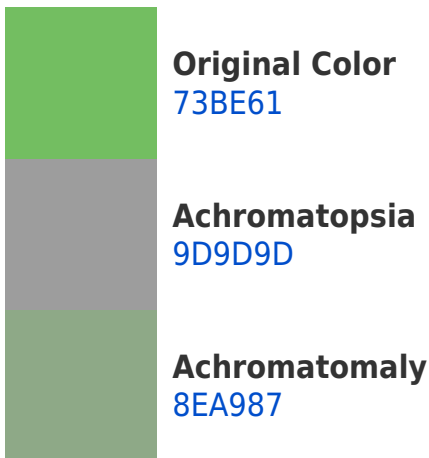


**Tritanopia**  
84B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73BE61 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 #73BE61 looks like.

```
.text, #text, p{  
    color:#73BE61  
}
```

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 #73BE61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73BE61  
}
```

## Border

The CSS property to change the border of an element to Hex 73BE61 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  
#73BE61 }
```

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

```
.border{ border-color:#73BE61 }
```

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

Here you see how a box with a 4 pixel #73BE61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73BE61; -webkit-box-shadow:4px 4px  
4px 4px #73BE61; box-shadow:4px 4px 4px  
4px #73BE61 }
```

# Background

The CSS property to change the background color of an element to Hex 73BE61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73BE61 }
```

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

```
.background{ background-color:#73BE61 }
```

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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