

# Converting Colors

Hex(73B461)

Have a look what the booklet for  
Hex(73B461) contains.

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**Color**

**Hex(73B461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73B461
RGB	115, 180, 97
RGB Percent	45%, 71%, 38%
CMY	0.5490, 0.2941, 0.6196
CMYK	0.36, 0.00, 0.46, 0.29
HSL	107°, 36%, 54%
HSV	107°, 46%, 71%
XYZ	25.5492, 37.1504, 17.1334
YIQ	151.1030, -12.0970, -39.5930

# Conversions

## Conversions Part 2

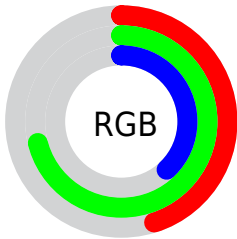
Format	Color
<a href="#">RYB</a>	<a href="#">97, 180, 162</a>
Decimal	<a href="#">7582817</a>
CIELab	<a href="#">67.39, -36.75, 35.80</a>
CIElCh	<a href="#">67, 51.305, 135.751</a>
Yxy	<a href="#">37.1504, 0.3200, 0.4654</a>
Android (android.graphics.Color)	<a href="#">4285772897 (0xFF73B461)</a>
YUV	<a href="#">151.1030, -26.6728, -31.6623</a>
Hunter-Lab	<a href="#">60.9511, -31.8419, 25.9993</a>

# Details

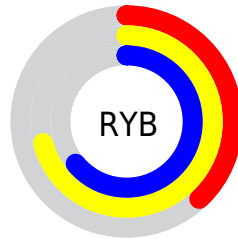
The Hex color **73B461** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A261B4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AAEC95**, and **3E7F30** is the 20% darker color. If you saturate the color by 10%, you get **65B44F**, and if you desaturate by 10%, it is **81B473**.

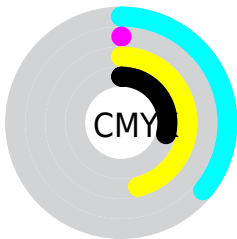
# Distribution



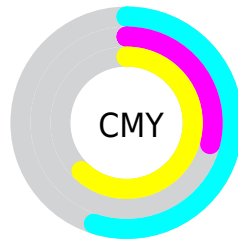
- Red (45%)
- Green (71%)
- Blue (38%)



- Red (38%)
- Yellow (71%)
- Blue (64%)



- Cyan (36%)
- Magenta (0%)
- Yellow (46%)
- Black (29%)



- Cyan (55%)
- Magenta (29%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73B461 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 73B461 by changing the saturation by 10% instead.





73B461



73B461

FFFFFF



589948



AAEC95



3E7F30



C6FFB0



226517



E3FFCC



004D00



FFFFE8



003500



002100



000000



73B461



73B461



65B44F



81B473

 57B43D

 8FB485

 49B42B

 9DB497

 3BB419

 ABB4A9

 2DB407

 B9B4BB

 27B400

 C8B4CD

 D6B4DF

 E4B4F1

 F2B4FF

# Harmonies

## Analogous

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



A7A947



73B461



16BA8C

# Triad

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



73B461



00AFFD



FB7D8D

# Complementary

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



73B461



A261B4

# 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.



EE7FBC



73B461



82A1FD

# Square

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



73B461



00B8E5



C78EE5



EF8964

# Rectangle

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



73B461



00BBAC



C78EE5



FA7C9D



# Sweetspot

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



73B461



D1EBCA



B4A161



667561



F5F5F5



757575



# Same Dimension

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



73B461



86EB6A



61B477



525950



219900



061A00



# Inverse Universe

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



A261B4



CF6AEB



B4619E



575059



780099



14001A



# Previews

## White Background



This preview shows how the Hex color 73B461 looks on a white background.

## Color Contrast Check

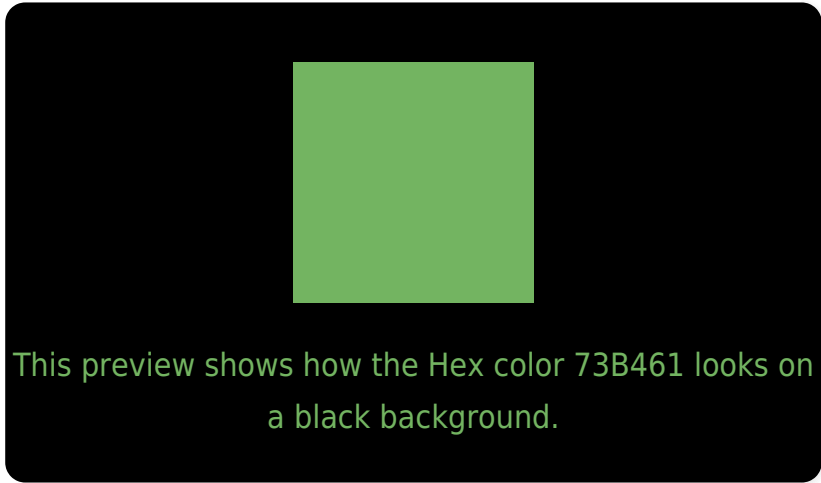
Large Text (above 18pt) WCAG AA × Fail

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 73B461 Background



This preview shows how black text looks on a background with the Hex color 73B461.

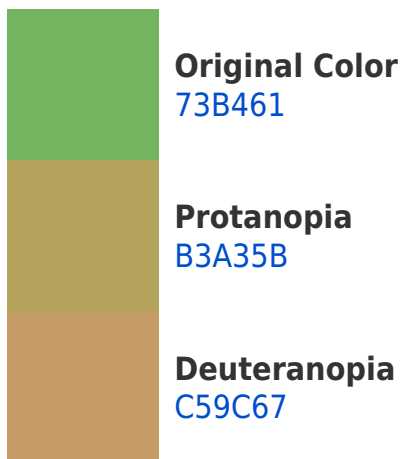


This preview shows how white text looks on a background with the Hex color 73B461.

# 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](#).

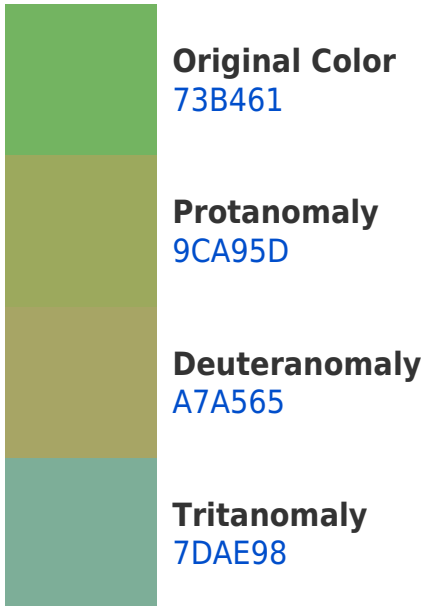
## Dichromacy



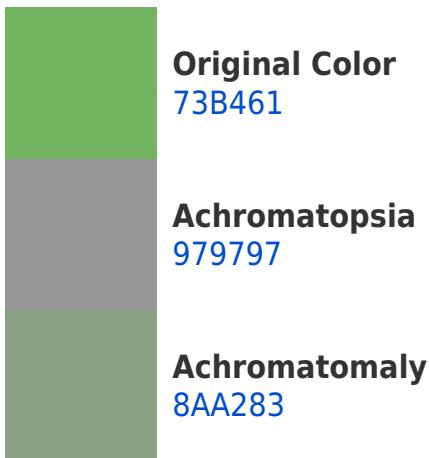


**Tritanopia**  
82AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73B461 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 #73B461 looks like.

```
.text, #text, p{  
    color:#73B461  
}
```

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 #73B461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B461
}
```

## Border

The CSS property to change the border of an element to Hex 73B461 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
#73B461 }
```

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

```
.border{ border-color:#73B461 }
```

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

Here you see how a box with a 4 pixel #73B461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B461; -webkit-box-shadow:4px 4px  
4px 4px #73B461; box-shadow:4px 4px 4px  
4px #73B461 }
```

# Background

The CSS property to change the background color of an element to Hex 73B461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B461 }
```

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

```
.background{ background-color:#73B461 }
```

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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