

# Converting Colors

Hex(73AE5B)

Have a look what the booklet for  
Hex(73AE5B) contains.

<b>Hex(73AE5B)</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(73AE5B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73AE5B
RGB	115, 174, 91
RGB Percent	45%, 68%, 36%
CMY	0.5490, 0.3176, 0.6431
CMYK	0.34, 0.00, 0.48, 0.32
HSL	103°, 34%, 52%
HSV	103°, 48%, 68%
XYZ	24.0946, 34.6723, 15.3200
YIQ	146.8970, -8.5210, -38.3210

# Conversions

## Conversions Part 2

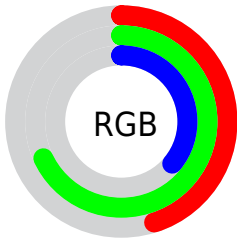
Format	Color
<a href="#">RYB</a>	<a href="#">91, 174, 150</a>
Decimal	<a href="#">7581275</a>
CIELab	<a href="#">65.49, -34.82, 36.48</a>
CIELCh	<a href="#">65, 50.430, 133.663</a>
Yxy	<a href="#">34.6723, 0.3252, 0.4680</a>
Android (android.graphics.Color)	<a href="#">4285771355 (0xFF73AE5B)</a>
YUV	<a href="#">146.8970, -27.5572, -27.9737</a>
Hunter-Lab	<a href="#">58.8832, -30.0045, 25.7923</a>

# Details

The Hex color **73AE5B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **965BAE**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A9E68F**, and **3E792A** is the 20% darker color. If you saturate the color by 10%, you get **67AE4A**, and if you desaturate by 10%, it is **7FAE6C**.

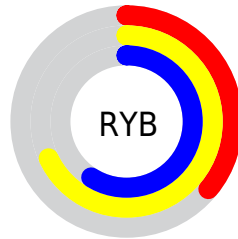
# Distribution



Red (45%)

Green (68%)

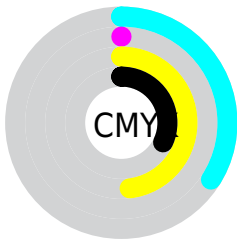
Blue (36%)



Red (36%)

Yellow (68%)

Blue (59%)

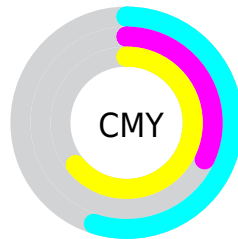


Cyan (34%)

Magenta (0%)

Yellow (48%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73AE5B 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 73AE5B by changing the saturation by 10% instead.





73AE5B



73AE5B

FFFFFF



599342



A9E68F



3E792A



C5FFAA



246011



E2FFC5



024800



FFFFE2



003000

FFFFFFE



001C00



000000



73AE5B



73AE5B



67AE4A



7FAE6C

 5AAE38

 8CAE7E

 4EAE27

 98AE8F

 42AE15

 A4AEA1

 35AE04

 B1AEB2

 32AE00

 BDAEC3

 CAAED5

 D6AEE6

 E2AEF8

# Harmonies

## Analogous

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



A5A343



73AE5B



20B484

# Triad

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



73AE5B



00ABF5



F4798C

# Complementary

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



73AE5B



965BAE

# 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.



E67CBA



73AE5B



779DF7

# Square

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



73AE5B



00B3DC



BD8BE1



EA8363

# Rectangle

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



73AE5B



00B6A3



BD8BE1



F2789B



# Sweetspot

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



73AE5B



CCE3C3



AE955B



65735F



F2F2F2



737373



# Same Dimension

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



73AE5B



87E362



5BAE6C



51574E



2C9600



071700



# Inverse Universe

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



965BAE



BE62E3



AE5B9D



544E57



6B0096



100017



# Previews

## White Background



This preview shows how the Hex color 73AE5B looks on a white background.

## Color Contrast Check

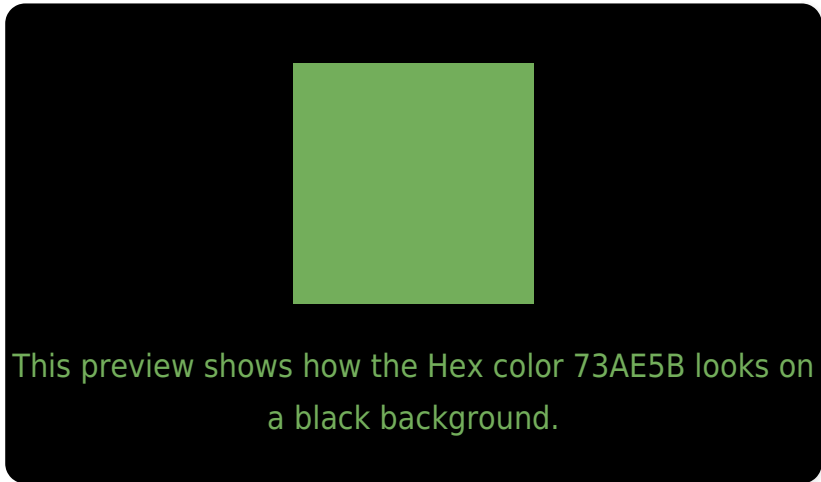
Large Text (above 18pt) WCAG AA × Fail

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

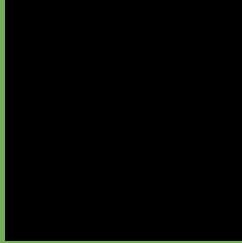
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73AE5B Background



This preview shows how black text looks on a background with the Hex color 73AE5B.

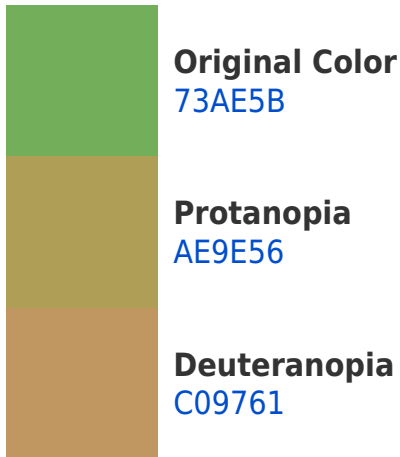


This preview shows how white text looks on a background with the Hex color 73AE5B.

# 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](#).

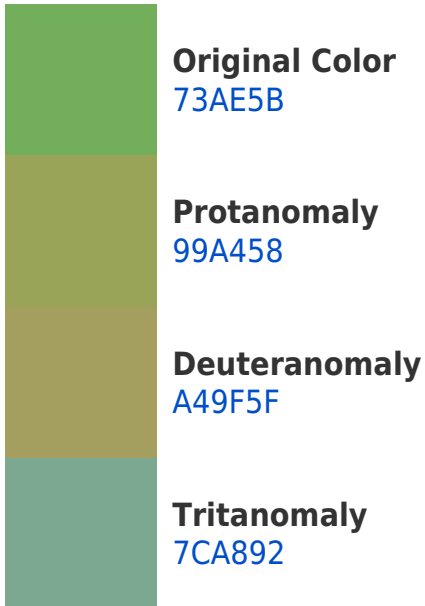
## Dichromacy



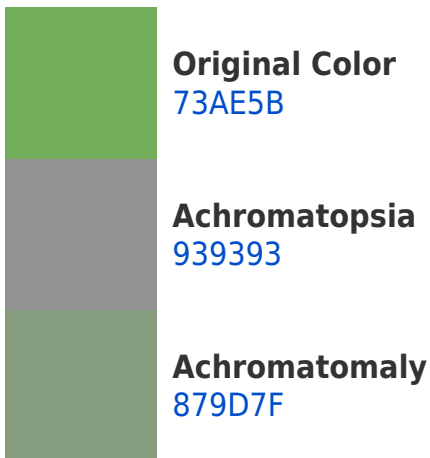


**Tritanopia**  
81A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73AE5B 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 #73AE5B looks like.

```
.text, #text, p{  
    color:#73AE5B  
}
```

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 #73AE5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73AE5B
}
```

## Border

The CSS property to change the border of an element to Hex 73AE5B 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
#73AE5B }
```

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

```
.border{ border-color:#73AE5B }
```

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

Here you see how a box with a 4 pixel #73AE5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73AE5B; -webkit-box-shadow:4px 4px  
4px 4px #73AE5B; box-shadow:4px 4px 4px  
4px #73AE5B }
```

# Background

The CSS property to change the background color of an element to Hex 73AE5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73AE5B }
```

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

```
.background{ background-color:#73AE5B }
```

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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