

# Converting Colors

Hex(7BBC65)

Have a look what the booklet for  
Hex(7BBC65) contains.

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# **Color**

**Hex(7BBC65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BBC65
RGB	123, 188, 101
RGB Percent	48%, 74%, 40%
CMY	0.5176, 0.2627, 0.6039
CMYK	0.35, 0.00, 0.46, 0.26
HSL	105°, 39%, 57%
HSV	105°, 46%, 74%
XYZ	28.5006, 41.1170, 18.7462
YIQ	158.6470, -10.8130, -40.8370

# Conversions

## Conversions Part 2

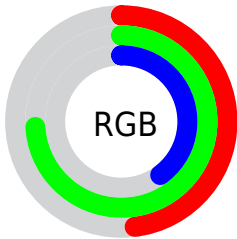
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 188, 166</a>
Decimal	<a href="#">8109157</a>
CIELab	<a href="#">70.26, -37.14, 37.46</a>
CIElCh	<a href="#">70, 52.748, 134.754</a>
Yxy	<a href="#">41.1170, 0.3225, 0.4653</a>
Android (android.graphics.Color)	<a href="#">4286299237 (0xFF7BBC65)</a>
YUV	<a href="#">158.6470, -28.4200, -31.2624</a>
Hunter-Lab	<a href="#">64.1225, -32.8765, 27.5524</a>

# Details

The Hex color **7BBC65** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A665BC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B2F599**, and **468633** is the 20% darker color. If you saturate the color by 10%, you get **6DBC52**, and if you desaturate by 10%, it is **89BC78**.

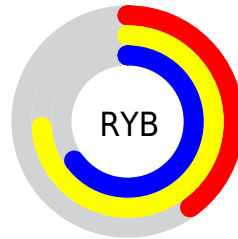
# Distribution



Red (48%)

Green (74%)

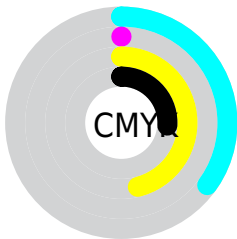
Blue (40%)



Red (40%)

Yellow (74%)

Blue (65%)

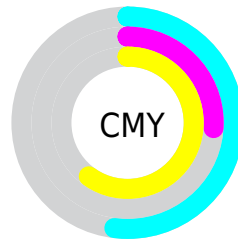


Cyan (35%)

Magenta (0%)

Yellow (46%)

Black (26%)



Cyan (52%)

Magenta (26%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BBC65 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 7BBC65 by changing the saturation by 10% instead.



 7BBC65

 7BBC65

FFFFFF

 60A14C

 B2F599

 468633

 CEFFB5

 2B6C1B

 EBFFD1

 095400

 FFFFED

 003C00

 002700

 000200

 000000

 7BBC65

 7BBC65

 6DBC52

 89BC78

 5FBC3F

 97BC8B

 51BC2D

 A5BC9D

 43BC1A

 B3BCB0

 35BC07

 C1BCC3

 30BC00

 CFBCD6

 DDBCE9

 EBBCFB

 F9BCFF

# Harmonies

## Analogous

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



B1B14B



7BBC65



22C291

# Triad

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



7BBC65



00B8FF



FF8396

# Complementary

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



7BBC65



A665BC

# 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.



F886C6



7BBC65



85A9FF

# Square

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



7BBC65



00C1EE



CE96F0



FB8F6A

# Rectangle

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



7BBC65



00C4B2



CE96F0



FF83A6



# Sweetspot

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



7BBC65



DBF5D3



BCA565



6B7A66



FAFAFA



7A7A7A



# Same Dimension

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



7BBC65



8EF56C



65BC79



575E55



289E00



081F00



# Inverse Universe

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



A665BC



D26CF5



BC65A8



5C555E



76009E



17001F



# Previews

## White Background



This preview shows how the Hex color 7BBC65 looks on a white background.

## Color Contrast Check

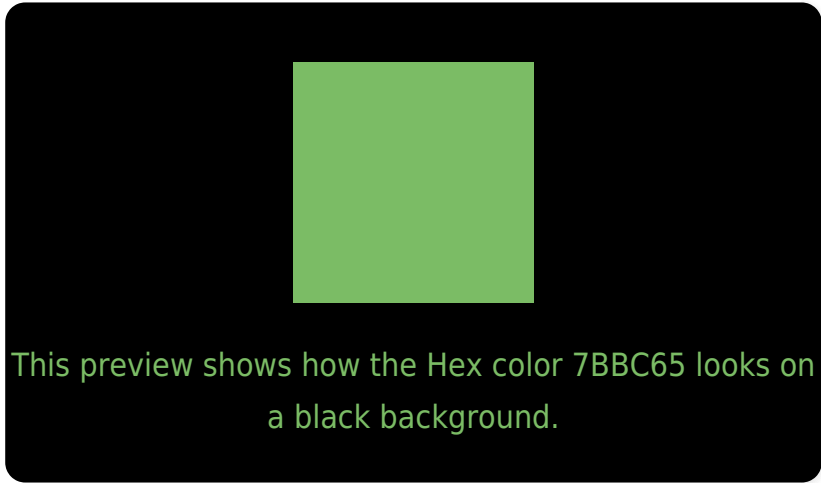
Large Text (above 18pt) WCAG AA × Fail

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 7BBC65 Background



This preview shows how black text looks on a background with the Hex color 7BBC65.

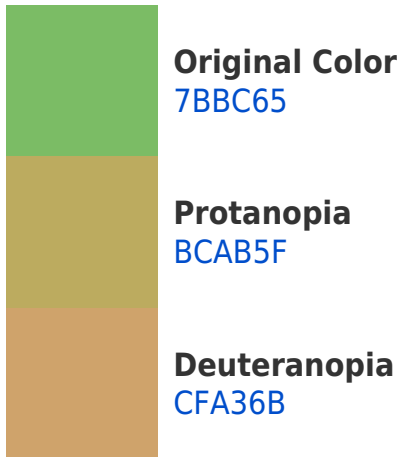


This preview shows how white text looks on a background with the Hex color 7BBC65.

# 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](#).

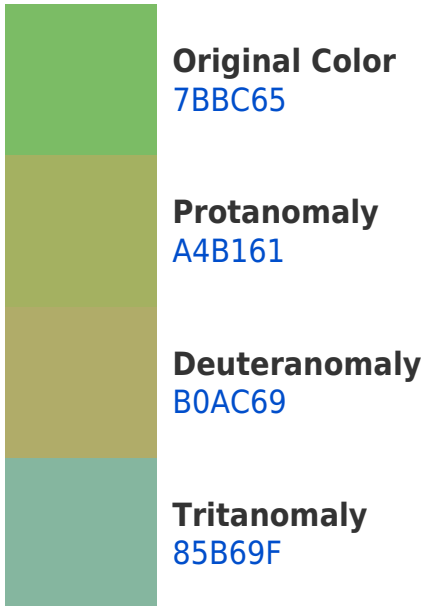
## Dichromacy



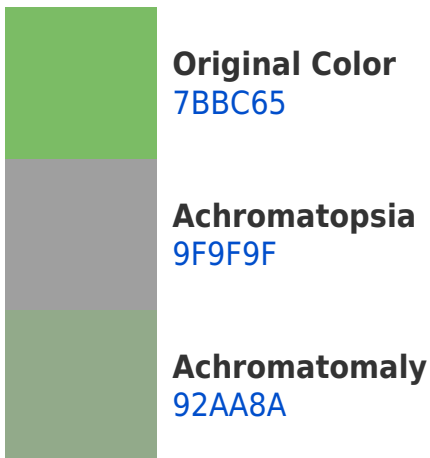


**Tritanopia**  
8AB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BBC65 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 #7BBC65 looks like.

```
.text, #text, p{  
    color:#7BBC65  
}
```

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 #7BBC65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BBC65  
}
```

## Border

The CSS property to change the border of an element to Hex 7BBC65 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  
#7BBC65 }
```

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

```
.border{ border-color:#7BBC65 }
```

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

Here you see how a box with a 4 pixel #7BBC65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BBC65; -webkit-box-shadow:4px 4px  
4px 4px #7BBC65; box-shadow:4px 4px 4px  
4px #7BBC65 }
```

# Background

The CSS property to change the background color of an element to Hex 7BBC65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BBC65 }
```

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

```
.background{ background-color:#7BBC65 }
```

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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