

Converting Colors

Hex(7EBD66)

Have a look what the booklet for
Hex(7EBD66) contains.

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Color

Hex(7EBD66)

Conversions

Conversions Part 1

Format	Color
Hex	7EBD66
RGB	126, 189, 102
RGB Percent	49%, 74%, 40%
CMY	0.5059, 0.2588, 0.6000
CMYK	0.33, 0.00, 0.46, 0.26
HSL	103°, 40%, 57%
HSV	103°, 46%, 74%
XYZ	29.2001, 41.7901, 19.0977
YIQ	160.2450, -9.6210, -40.4130

Conversions

Conversions Part 2

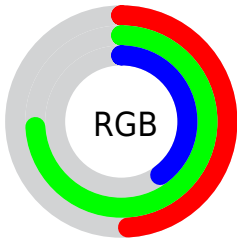
Format	Color
RYB	102, 189, 165
Decimal	8306022
CIELab	70.73, -36.44, 37.57
CIELCh	71, 52.342, 134.122
Yxy	41.7901, 0.3241, 0.4639
Android (android.graphics.Color)	4286496102 (0xFF7EBD66)
YUV	160.2450, -28.7148, -30.0329
Hunter-Lab	64.6453, -32.5014, 27.7361

Details

The Hex color **7EBD66** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A566BD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B5F69A**, and **498734** is the 20% darker color. If you saturate the color by 10%, you get **70BD53**, and if you desaturate by 10%, it is **8CBD79**.

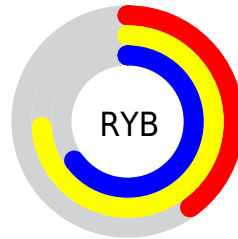
Distribution



Red (49%)

Green (74%)

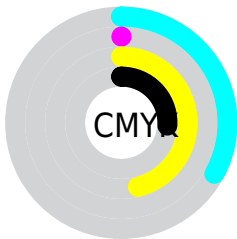
Blue (40%)



Red (40%)

Yellow (74%)

Blue (65%)

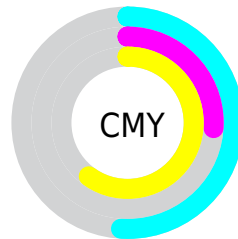


Cyan (33%)

Magenta (0%)

Yellow (46%)

Black (26%)



Cyan (51%)

Magenta (26%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EBD66 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 7EBD66 by changing the saturation by 10% instead.

 7EBD66

 7EBD66

FFFFFF

 63A24D

 B5F69A

 498734

 D1FFB6

 2E6D1C

 EEFFD2

 0F5500

 FFFFEE

 003D00

 002700

 000500

 000000

 7EBD66

 7EBD66

 70BD53

 8CBD79

 63BD40

 99BD8C

 55BD2D

 A7BD9F

 47BD1A

 B5BDB2

 3ABD08

 C2BDC5

 34BD00

 D0BDD7

 DEBDEA

 EBBDFD

 F9BDFF

Harmonies

Analogous

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



B3B24D



7EBD66



2BC391

Triad

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



7EBD66



00B9FF



FF8598

Complementary

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



7EBD66



A566BD

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.



F888C8



7EBD66



85AAFF

Square

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



7EBD66



00C2EE



CE98F2



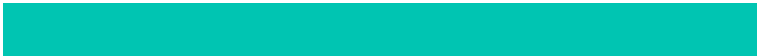
FC906D

Rectangle

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



7EBD66



00C5B2



CE98F2



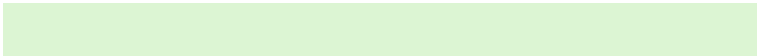
FF84A8

Sweetspot

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



7EBD66



DCF5D3



BDA466



6B7A66



FAFAFA



7A7A7A

Same Dimension

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



7EBD66



93F56E



66BD79



585E55



2C9E00



081F00

Inverse Universe

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



A566BD



D06EF5



BD66AA



5C555E



72009E



16001F

Previews

White Background



This preview shows how the Hex color 7EBD66 looks on a white background.

Color Contrast Check

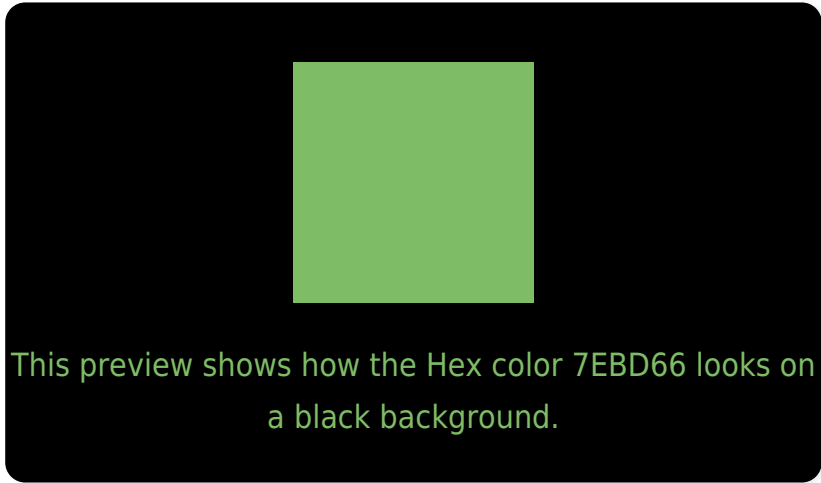
Large Text (above 18pt) WCAG AA × Fail

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 7EBD66 Background



This preview shows how black text looks on a background with the Hex color 7EBD66.

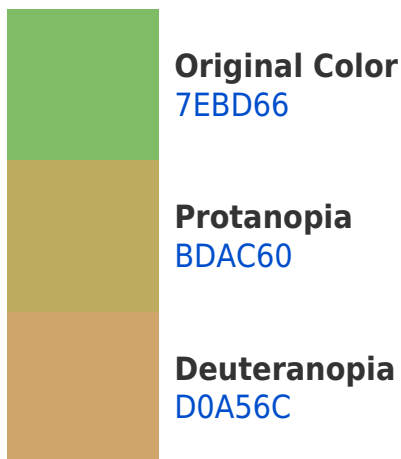


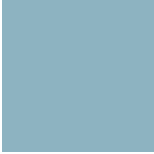
This preview shows how white text looks on a background with the Hex color 7EBD66.

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](#).

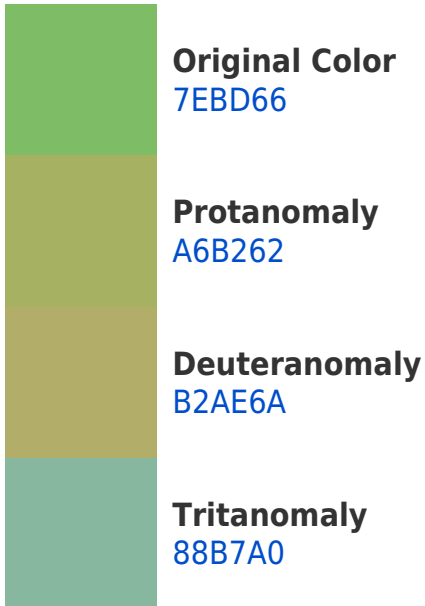
Dichromacy



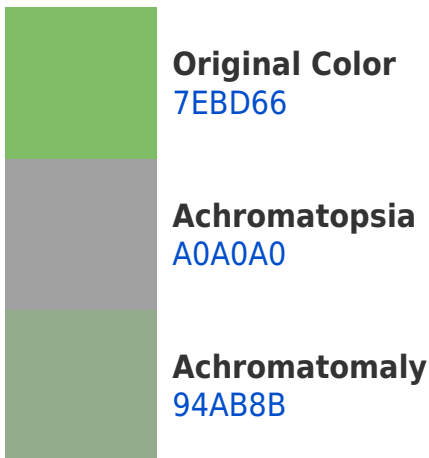


Tritanopia
8DB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EBD66 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 #7EBD66 looks like.

```
.text, #text, p{  
    color:#7EBD66  
}
```

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 #7EBD66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EBD66
}
```

Border

The CSS property to change the border of an element to Hex 7EBD66 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
#7EBD66 }
```

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

```
.border{ border-color:#7EBD66 }
```

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

Here you see how a box with a 4 pixel #7EBD66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EBD66; -webkit-box-shadow:4px 4px  
4px 4px #7EBD66; box-shadow:4px 4px 4px  
4px #7EBD66 }
```

Background

The CSS property to change the background color of an element to Hex 7EBD66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EBD66 }
```

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

```
.background{ background-color:#7EBD66 }
```

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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