

Converting Colors

Hex(7EB050)

Have a look what the booklet for
Hex(7EB050) contains.

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Color

Hex(7EB050)

Conversions

Conversions Part 1

Format	Color
Hex	7EB050
RGB	126, 176, 80
RGB Percent	49%, 69%, 31%
CMY	0.5059, 0.3098, 0.6863
CMYK	0.28, 0.00, 0.55, 0.31
HSL	91°, 38%, 50%
HSV	91°, 55%, 69%
XYZ	25.5775, 36.0655, 13.2027
YIQ	150.1060, 1.0160, -40.4560

Conversions

Conversions Part 2

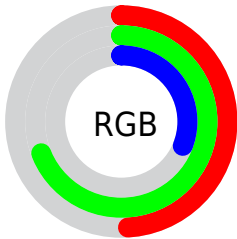
Format	Color
RYB	80, 176, 130
Decimal	8302672
CIELab	66.57, -33.10, 43.37
CIELCh	67, 54.557, 127.349
Yxy	36.0655, 0.3417, 0.4819
Android (android.graphics.Color)	4286492752 (0xFF7EB050)
YUV	150.1060, -34.5623, -21.1410
Hunter-Lab	60.0545, -29.0715, 29.0036

Details

The Hex color **7EB050** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8250B0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B5E884**, and **497B1D** is the 20% darker color. If you saturate the color by 10%, you get **75B03E**, and if you desaturate by 10%, it is **87B062**.

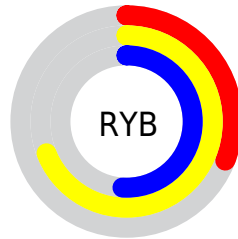
Distribution



Red (49%)

Green (69%)

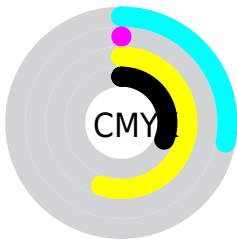
Blue (31%)



Red (31%)

Yellow (69%)

Blue (51%)

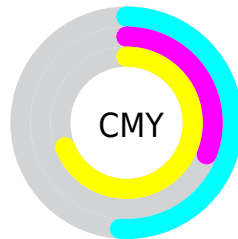


Cyan (28%)

Magenta (0%)

Yellow (55%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EB050 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 7EB050 by changing the saturation by 10% instead.

 7EB050

 7EB050

FFFFFF

 639537

 B5E884

 497B1D

 D1FF9F

 2F6200

 EEFFBA

 144A00

 FFFFD6

 003200

 FFFFF3

 001F00

 000000

 7EB050

 7EB050

 75B03E

 87B062

 6CB02D

 90B073

 63B01B

 9AB085

 59B00A

 A3B096

 54B000

 ACB0A8

 B5B0BA

 BEB0CB

 C7B0DD

 D1B0EE

Harmonies

Analogous

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



B2A33B



7EB050



2EB87A

Triad

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



7EB050



00B1FC



FC7698

Complementary

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



7EB050



8250B0

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.



E77EC9



7EB050



5DA3FF

Square

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



7EB050



00B8DC



B590F0



F68069

Rectangle

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



7EB050



00BA9C



B590F0



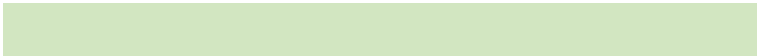
F877A8

Sweetspot

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



7EB050



D2E6C1



B08250



67735D



F2F2F2



737373

Same Dimension

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



7EB050



98E650



50B052



555950



499900



0C1A00

Inverse Universe

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



8250B0



9E50E6



B050AE



555059



500099



0D001A

Previews

White Background



This preview shows how the Hex color 7EB050 looks on a white background.

Color Contrast Check

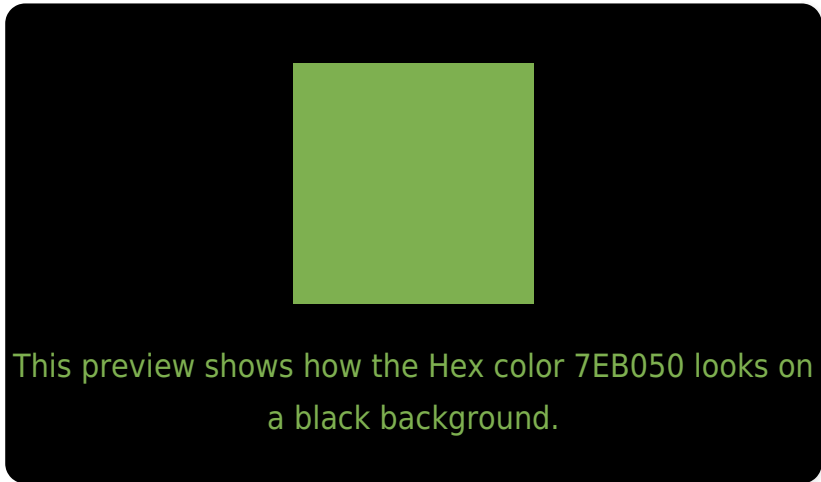
Large Text (above 18pt) WCAG AA × Fail

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 7EB050 Background



This preview shows how black text looks on a background with the Hex color 7EB050.

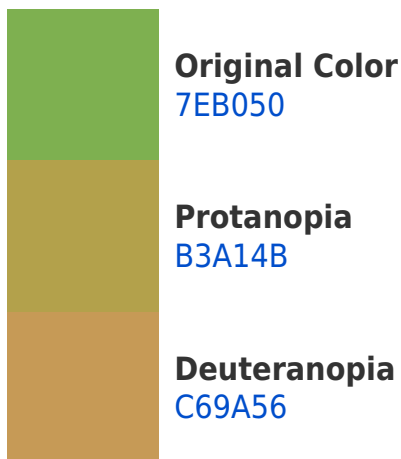


This preview shows how white text looks on a background with the Hex color 7EB050.

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](#).

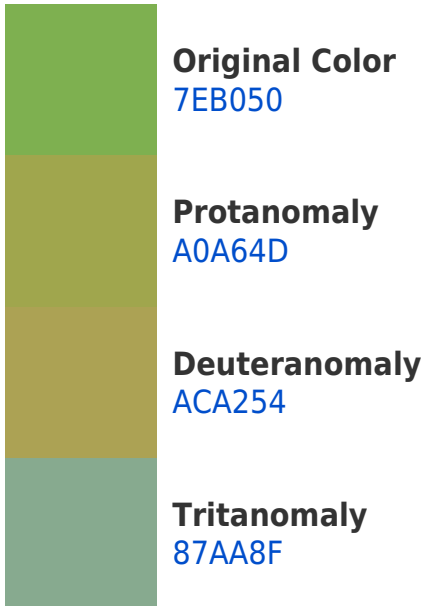
Dichromacy





Tritanopia
8CA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EB050 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 #7EB050 looks like.

```
.text, #text, p{  
    color:#7EB050  
}
```

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 #7EB050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB050
}
```

Border

The CSS property to change the border of an element to Hex 7EB050 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
#7EB050 }
```

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

```
.border{ border-color:#7EB050 }
```

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

Here you see how a box with a 4 pixel #7EB050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB050; -webkit-box-shadow:4px 4px  
4px 4px #7EB050; box-shadow:4px 4px 4px  
4px #7EB050 }
```

Background

The CSS property to change the background color of an element to Hex 7EB050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB050 }
```

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

```
.background{ background-color:#7EB050 }
```

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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