

Converting Colors

Hex(7EBF60)

Have a look what the booklet for
Hex(7EBF60) contains.

| | |
|--|----|
| Hex(7EBF60) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(7EBF60)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7EBF60 |
| RGB | 126, 191, 96 |
| RGB Percent | 49%, 75%, 38% |
| CMY | 0.5059, 0.2510, 0.6235 |
| CMYK | 0.34, 0.00, 0.50, 0.25 |
| HSL | 101°, 43%, 56% |
| HSV | 101°, 50%, 75% |
| XYZ | 29.3463, 42.5418, 17.7310 |
| YIQ | 160.7350, -8.2450, -43.3250 |

Conversions

Conversions Part 2

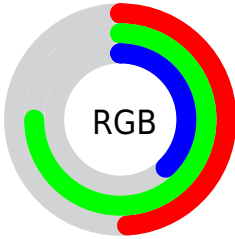
| Format | Color |
|-------------------------------------|--|
| RYB | 96, 191, 161 |
| Decimal | 8306528 |
| CIELab | 71.24, -38.11, 41.20 |
| CIELCh | 71, 56.122, 132.764 |
| Yxy | 42.5418, 0.3275, 0.4747 |
| Android (android.graphics.Color) | 4286496608 (0xFF7EBF60) |
| YUV | 160.7350, -31.9144, -30.4626 |
| Hunter-Lab | 65.2240, -33.8294, 29.5390 |

Details

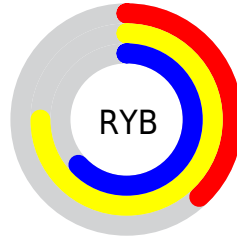
The Hex color **7EBF60** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A160BF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B5F894**, and **48892E** is the 20% darker color. If you saturate the color by 10%, you get **71BF4D**, and if you desaturate by 10%, it is **8BBF73**.

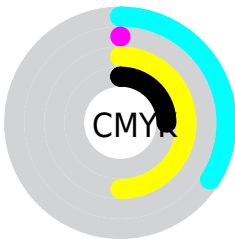
Distribution



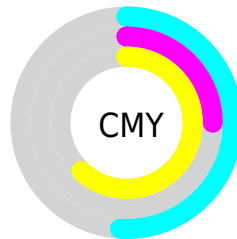
- Red (49%)
- Green (75%)
- Blue (38%)



- Red (38%)
- Yellow (75%)
- Blue (63%)



- Cyan (34%)
- Magenta (0%)
- Yellow (50%)
- Black (25%)



- Cyan (51%)
- Magenta (25%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EBF60 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 7EBF60 by changing the saturation by 10% instead.

 7EBF60

 7EBF60

FFFFFF

 63A447

 B5F894

 48892E

 D2FFB0

 2D6F13

 EFFFCC

 0B5600

 FFFFE8

 003E00

 002900

 000900

 000000

 7EBF60

 7EBF60

 71BF4D

 8BBF73

 64BF3A

 98BF86

 57BF27

 A5BF99

 4ABF14

 B2BFAC

 3DBF01

 BFBFBF

 3CBF00

 CCBFD3

 D9BFE6

 E7BFF9

 F4BFFF

Harmonies

Analogous

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



B7B345



7EBF60



19C68E

Triad

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



7EBF60



00BCFF



FF829A

Complementary

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



7EBF60



A160BF

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.



FD86CE



7EBF60



7DACFF

Square

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



7EBF60



00C5F3



CE98FA



FF8E6B

Rectangle

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



7EBF60



00C8B2



CE98FA



FF82AC

Sweetspot

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



7EBF60



DEF7D2



BFA160



6E7D66



FCFCFC



7D7D7D

Same Dimension

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



7EBF60



92F763



60BF71



585E55



329E00



0A1F00

Inverse Universe

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



A160BF



C863F7



BF60AE



5B555E



6C009E



15001F

Previews

White Background



This preview shows how the Hex color 7EBF60 looks on a white background.

Color Contrast Check

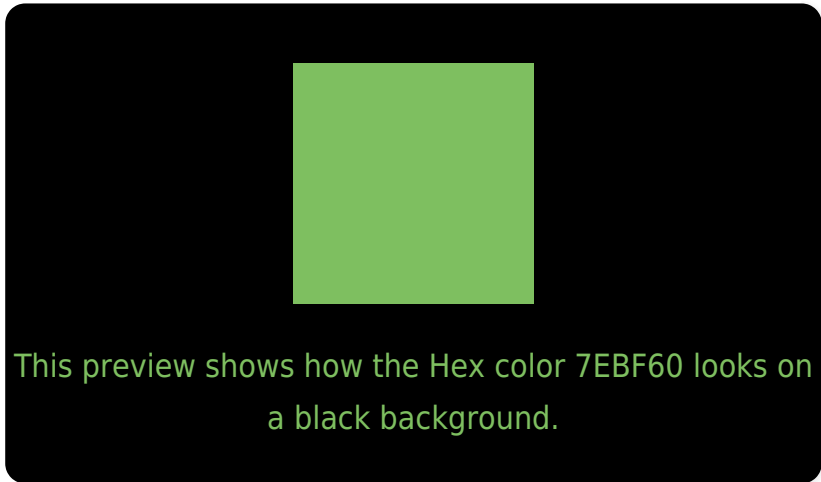
Large Text (above 18pt) WCAG AA × Fail

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

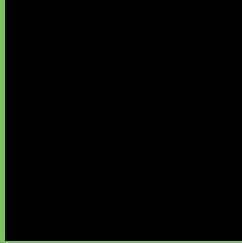
Any Text WCAG AA ✓ Pass

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 7EBF60 Background



This preview shows how black text looks on a background with the Hex color 7EBF60.

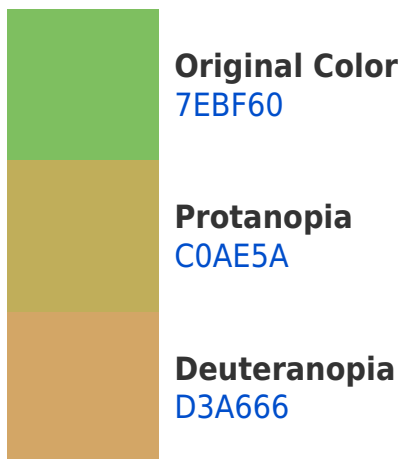


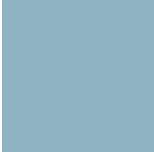
This preview shows how white text looks on a background with the Hex color 7EBF60.

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
8EB4C3

Trichromacy



Original Color
7EBF60



Protanomaly
A8B45C



Deuteranomaly
B4AF64



Tritanomaly
88B89F

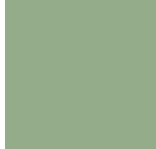
Monochromacy



Original Color
7EBF60



Achromatopsia
A1A1A1



Achromatomaly
94AC89

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EBF60 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 #7EBF60 looks like.

```
.text, #text, p{  
    color:#7EBF60  
}
```

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 #7EBF60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EBF60
}
```

Border

The CSS property to change the border of an element to Hex 7EBF60 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
#7EBF60 }
```

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

```
.border{ border-color:#7EBF60 }
```

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

Here you see how a box with a 4 pixel #7EBF60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EBF60; -webkit-box-shadow:4px 4px  
4px 4px #7EBF60; box-shadow:4px 4px 4px  
4px #7EBF60 }
```

Background

The CSS property to change the background color of an element to Hex 7EBF60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EBF60 }
```

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

```
.background{ background-color:#7EBF60 }
```

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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