

Converting Colors

Hex(7BCF76)

Have a look what the booklet for
Hex(7BCF76) contains.

Hex(7BCF76)	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(7BCF76)

Conversions

Conversions Part 1

Format	Color
Hex	7BCF76
RGB	123, 207, 118
RGB Percent	48%, 81%, 46%
CMY	0.5176, 0.1882, 0.5373
CMYK	0.41, 0.00, 0.43, 0.19
HSL	117°, 48%, 64%
HSV	117°, 43%, 81%
XYZ	33.7512, 50.1446, 25.0395
YIQ	171.7380, -21.4950, -45.4870

Conversions

Conversions Part 2

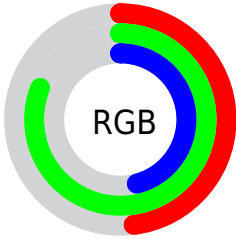
Format	Color
RYB	118, 207, 202
Decimal	8114038
CIELab	76.16, -43.16, 36.36
CIELCh	76, 56.438, 139.890
Yxy	50.1446, 0.3098, 0.4603
Android (android.graphics.Color)	4286304118 (0xFF7BCF76)
YUV	171.7380, -26.4928, -42.7432
Hunter-Lab	70.8129, -38.8448, 28.6040

Details

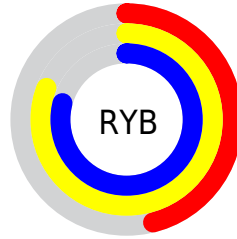
The Hex color **7BCF76** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CA76CF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B3FFAB**, and **449844** is the 20% darker color. If you saturate the color by 10%, you get **67CF61**, and if you desaturate by 10%, it is **8FCF8B**.

Distribution



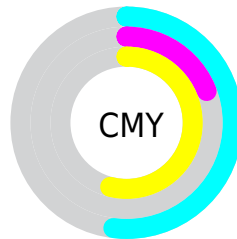
- Red (48%)
- Green (81%)
- Blue (46%)



- Red (46%)
- Yellow (81%)
- Blue (79%)



- Cyan (41%)
- Magenta (0%)
- Yellow (43%)
- Black (19%)



- Cyan (52%)
- Magenta (19%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BCF76 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 7BCF76 by changing the saturation by 10% instead.

 7BCF76

 7BCF76

FFFFFF

 5FB35C

 B3FFAB

 449844

 D0FFC7

 267E2B

 EDFFE3

 006412

 004B00

 003300

 001E00

 000000

 7BCF76

 7BCF76

 67CF61

 8FCF8B

 54CF4D

 A2CF9F

 40CF38

 B6CFB4

 2DCF23

 C9CFC9

 19CF0F

 DDCFDE

 0CCF00

 F0CFF2

 FFCFFF

Harmonies

Analogous

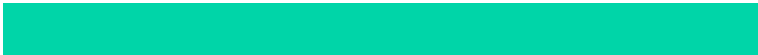
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8C455



7BCF76



00D5A8

Triad

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



7BCF76



00C7FF



FF919B

Complementary

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



7BCF76



CA76CF

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.



FF91D0



7BCF76



A2B5FF

Square

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



7BCF76



00D1FF



EBA0FF



FF9F6E

Rectangle

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



7BCF76



00D6CC



EBA0FF



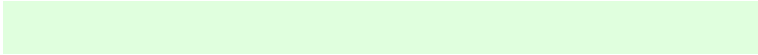
FF8FAC

Sweetspot

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



7BCF76



E0FFDE



CFC976



6C806B



000000



808080

Same Dimension

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



7BCF76



82FF7A



76CF9D



5F695E



09A800



022900

Inverse Universe

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



CA76CF



F87AFF



CF76A8



685E69



9F00A8



270029

Previews

White Background



This preview shows how the Hex color 7BCF76 looks on a white background.

Color Contrast Check

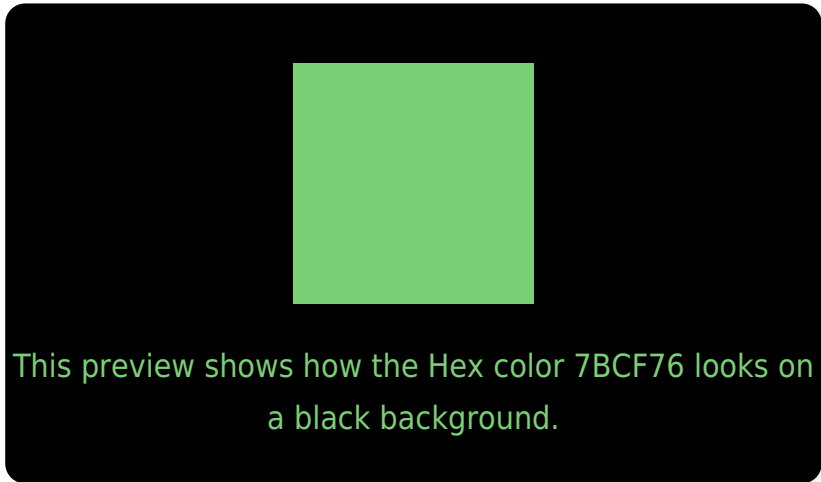
Large Text (above 18pt) WCAG AA × Fail

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

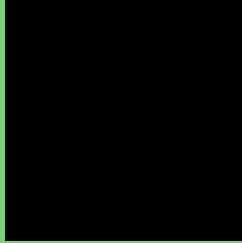
Any Text WCAG AA ✓ Pass

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 7BCF76 Background



This preview shows how black text looks on a background with the Hex color 7BCF76.

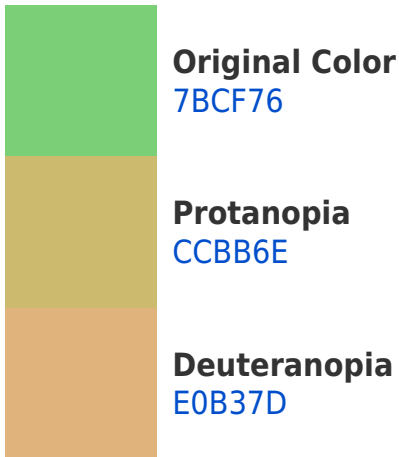


This preview shows how white text looks on a background with the Hex color 7BCF76.

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
8DC4D4

Trichromacy



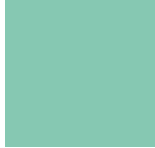
Original Color
7BCF76



Protanomaly
AFC271



Deuteranomaly
BBBD7A



Tritanomaly
86C8B2

Monochromacy



Original Color
7BCF76



Achromatopsia
ACACAC



Achromatomaly
9AB998

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BCF76 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 #7BCF76 looks like.

```
.text, #text, p{  
    color:#7BCF76  
}
```

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 #7BCF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BCF76
}
```

Border

The CSS property to change the border of an element to Hex 7BCF76 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
#7BCF76 }
```

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

```
.border{ border-color:#7BCF76 }
```

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

Here you see how a box with a 4 pixel #7BCF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BCF76; -webkit-box-shadow:4px 4px  
4px 4px #7BCF76; box-shadow:4px 4px 4px  
4px #7BCF76 }
```

Background

The CSS property to change the background color of an element to Hex 7BCF76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BCF76 }
```

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

```
.background{ background-color:#7BCF76 }
```

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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