

Converting Colors

Hex(7BB764)

Have a look what the booklet for
Hex(7BB764) contains.

Hex(7BB764)	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(7BB764)

Conversions

Conversions Part 1

Format	Color
Hex	7BB764
RGB	123, 183, 100
RGB Percent	48%, 72%, 39%
CMY	0.5176, 0.2824, 0.6078
CMYK	0.33, 0.00, 0.45, 0.28
HSL	103°, 37%, 55%
HSV	103°, 45%, 72%
XYZ	27.4021, 38.9980, 18.1397
YIQ	155.5980, -9.1170, -38.5330

Conversions

Conversions Part 2

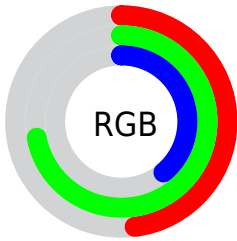
Format	Color
RYB	100, 183, 160
Decimal	8107876
CIELab	68.75, -34.99, 36.07
CIELCh	69, 50.256, 134.131
Yxy	38.9980, 0.3241, 0.4613
Android (android.graphics.Color)	4286297956 (0xFF7BB764)
YUV	155.5980, -27.4098, -28.5884
Hunter-Lab	62.4484, -30.9596, 26.4916

Details

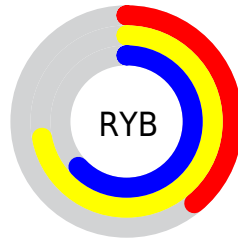
The Hex color **7BB764** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A064B7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B2EF98**, and **468233** is the 20% darker color. If you saturate the color by 10%, you get **6EB752**, and if you desaturate by 10%, it is **88B776**.

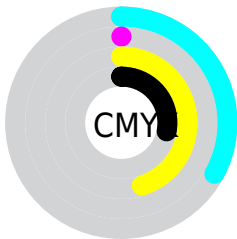
Distribution



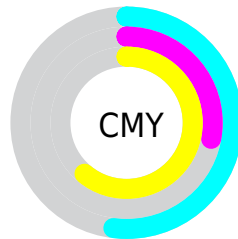
- Red (48%)
- Green (72%)
- Blue (39%)



- Red (39%)
- Yellow (72%)
- Blue (63%)



- Cyan (33%)
- Magenta (0%)
- Yellow (45%)
- Black (28%)



- Cyan (52%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB764 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 7BB764 by changing the saturation by 10% instead.

 7BB764

 7BB764

FFFFFF

 609C4B

 B2EF98

 468233

 CEFFB3

 2C681A

 EBFFCF

 0D4F00

 FFFFEC

 003800

 002400

 000000

 7BB764

 7BB764

 6EB752

 88B776

 61B73F

 95B789

 53B72D

 A3B79B

 46B71B

 B0B7AD

 39B708

 BDB7C0

 33B700

 CAB7D2

 D8B7E4

 E5B7F6

 F2B7FF

Harmonies

Analogous

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



AEAC4C



7BB764



2EBD8D

Triad

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



7BB764



00B3FF



FE8294

Complementary

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



7BB764



A064B7

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.



EF85C2



7BB764



82A5FF

Square

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



7BB764



00BCE6



C793E9



F48C6A

Rectangle

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



7BB764



00BFAD



C793E9



FC81A3

Sweetspot

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



7BB764



D5EDCC



B79F64



697863



F7F7F7



787878

Same Dimension

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



7BB764



91ED6D



64B776



555C53



2B9C00



081C00

Inverse Universe

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



A064B7



CA6DED



B764A5



59535C



70009C



14001C

Previews

White Background



This preview shows how the Hex color 7BB764 looks on a white background.

Color Contrast Check

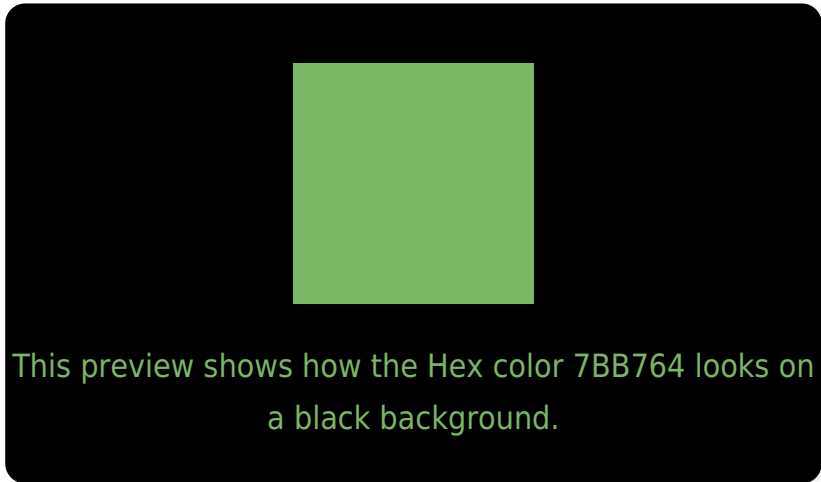
Large Text (above 18pt) WCAG AA × Fail

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 7BB764 Background



This preview shows how black text looks on a background with the Hex color 7BB764.

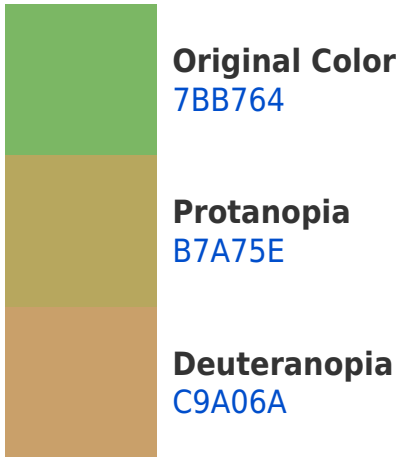


This preview shows how white text looks on a background with the Hex color 7BB764.

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
89ADBB

Trichromacy



Original Color
7BB764



Protanomaly
A1AD60



Deuteranomaly
ADA868



Tritanomaly
84B19B

Monochromacy



Original Color
7BB764



Achromatopsia
9C9C9C



Achromatomaly
90A688

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB764 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 #7BB764 looks like.

```
.text, #text, p{  
    color:#7BB764  
}
```

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 #7BB764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB764
}
```

Border

The CSS property to change the border of an element to Hex 7BB764 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
#7BB764 }
```

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

```
.border{ border-color:#7BB764 }
```

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

Here you see how a box with a 4 pixel #7BB764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB764; -webkit-box-shadow:4px 4px  
4px 4px #7BB764; box-shadow:4px 4px 4px  
4px #7BB764 }
```

Background

The CSS property to change the background color of an element to Hex 7BB764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB764 }
```

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

```
.background{ background-color:#7BB764 }
```

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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