

# Converting Colors

Hex(7BB463)

Have a look what the booklet for  
Hex(7BB463) contains.

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# **Color**

**Hex(7BB463)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BB463
RGB	123, 180, 99
RGB Percent	48%, 71%, 39%
CMY	0.5176, 0.2941, 0.6118
CMYK	0.32, 0.00, 0.45, 0.29
HSL	102°, 35%, 55%
HSV	102°, 45%, 71%
XYZ	26.7418, 37.7543, 17.6823
YIQ	153.7230, -7.9710, -37.2750

# Conversions

## Conversions Part 2

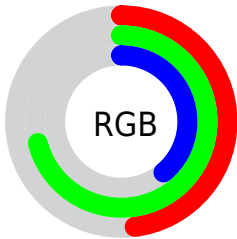
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 180, 156
Decimal	8107107
CIELab	67.84, -33.74, 35.43
CIElCh	68, 48.930, 133.600
Yxy	37.7543, 0.3254, 0.4594
Android (android.graphics.Color)	4286297187 (0xFF7BB463)
YUV	153.7230, -26.9784, -26.9441
Hunter-Lab	61.4445, -29.8416, 25.9490

# Details

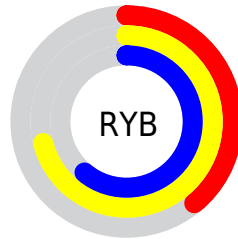
The Hex color **7BB463** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9C63B4**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B2EC97**, and **477F32** is the 20% darker color. If you saturate the color by 10%, you get **6EB451**, and if you desaturate by 10%, it is **88B475**.

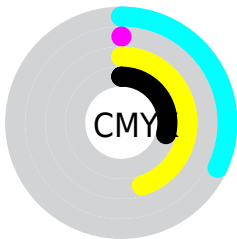
# Distribution



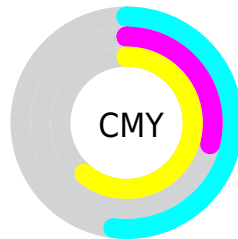
- Red (48%)
- Green (71%)
- Blue (39%)



- Red (39%)
- Yellow (71%)
- Blue (61%)



- Cyan (32%)
- Magenta (0%)
- Yellow (45%)
- Black (29%)



- Cyan (52%)
- Magenta (29%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BB463 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 7BB463 by changing the saturation by 10% instead.



 7BB463

 7BB463

FFFFFF

 61994A

 B2EC97

 477F32

 CEFFB2

 2C651A

 EBFFCE

 0F4D00

 FFFFEA

 003500

 002200

 000000

 7BB463

 7BB463

 6EB451

 88B475

 62B43F

 94B487

 55B42D

 A1B499

 48B41B

 AEB4AB

 3CB409

 BAB4BD

 35B400

 C7B4CF

 D4B4E1

 E0B4F3

 EDB4FF

# Harmonies

## Analogous

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



ACA94C



7BB463



34BA8B

# Triad

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



7BB463



00B1F9



F98093

# Complementary

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



7BB463



9C63B4

# 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.



EB84BF



7BB463



80A3FB

# Square

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



7BB463



00B9E1



C392E6



EF8A6A

# Rectangle

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



7BB463



00BCA9



C392E6



F780A2



# Sweetspot

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



7BB463



D3EBCA



B49C63



677561



F5F5F5



757575



# Same Dimension

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



7BB463



91EB6C



63B473



535950



2D9900



081A00



# Inverse Universe

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



9C63B4



C56CEB



B463A4



575059



6C0099



12001A



# Previews

## White Background



This preview shows how the Hex color 7BB463 looks on a white background.

## Color Contrast Check

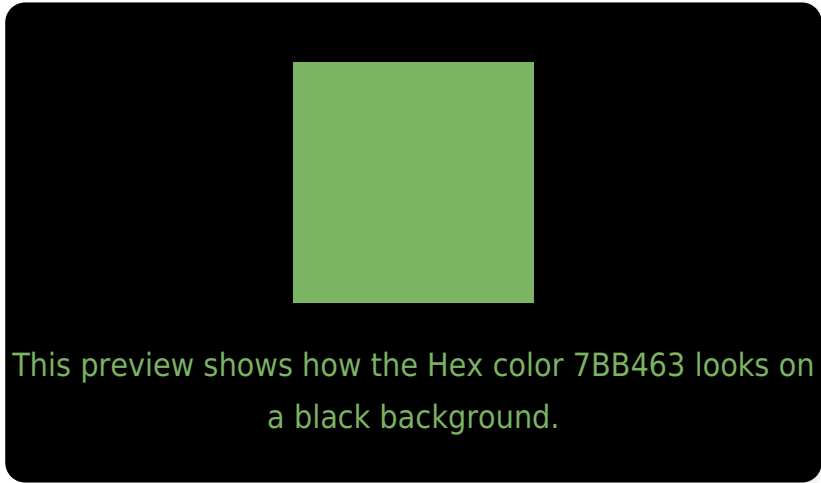
Large Text (above 18pt) WCAG AA × Fail

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 7BB463 Background



This preview shows how black text looks on a background with the Hex color 7BB463.

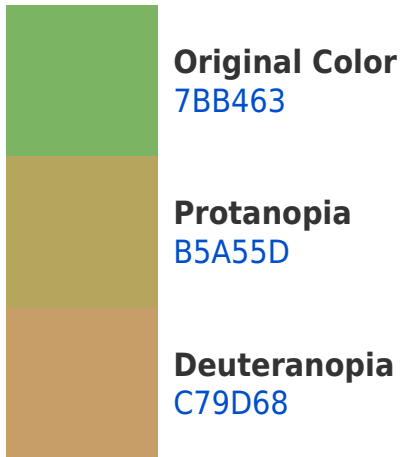


This preview shows how white text looks on a background with the Hex color 7BB463.

# 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**  
89AAB8

# Trichromacy



**Original Color**  
7BB463



**Protanomaly**  
A0AA5F



**Deuteranomaly**  
ABA566



**Tritanomaly**  
84AE99

# Monochromacy



**Original Color**  
7BB463



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
8FA386

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BB463 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 #7BB463 looks like.

```
.text, #text, p{  
    color:#7BB463  
}
```

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 #7BB463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB463
}
```

## Border

The CSS property to change the border of an element to Hex 7BB463 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
#7BB463 }
```

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

```
.border{ border-color:#7BB463 }
```

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

Here you see how a box with a 4 pixel #7BB463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB463; -webkit-box-shadow:4px 4px  
4px 4px #7BB463; box-shadow:4px 4px 4px  
4px #7BB463 }
```

# Background

The CSS property to change the background color of an element to Hex 7BB463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB463 }
```

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

```
.background{ background-color:#7BB463 }
```

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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