

# Converting Colors

Hex(BBC576)

Have a look what the booklet for  
Hex(BBC576) contains.

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**Color**

**Hex(BBC576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC576
RGB	187, 197, 118
RGB Percent	73%, 77%, 46%
CMY	0.2667, 0.2275, 0.5373
CMYK	0.05, 0.00, 0.40, 0.23
HSL	68°, 41%, 62%
HSV	68°, 40%, 77%
XYZ	43.7298, 51.8053, 24.8342
YIQ	185.0040, 19.3990, -26.6890

# Conversions

## Conversions Part 2

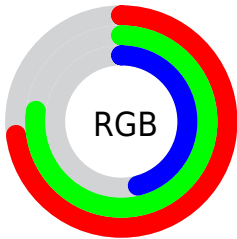
Format	Color
<a href="#">RYB</a>	<a href="#">118, 197, 128</a>
Decimal	<a href="#">12305782</a>
CIELab	<a href="#">77.16, -15.57, 38.43</a>
CIELCh	<a href="#">77, 41.467, 112.060</a>
Yxy	<a href="#">51.8053, 0.3633, 0.4304</a>
Android (android.graphics.Color)	<a href="#">4290495862 (0xFFBBC576)</a>
YUV	<a href="#">185.0040, -33.0330, 1.7505</a>
Hunter-Lab	<a href="#">71.9759, -17.5081, 29.9260</a>

# Details

The Hex color **BBC576** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8076C5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F4FEAB**, and **848F44** is the 20% darker color. If you saturate the color by 10%, you get **B9C562**, and if you desaturate by 10%, it is **BDC58A**.

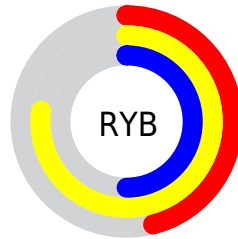
# Distribution



Red (73%)

Green (77%)

Blue (46%)



Red (46%)

Yellow (77%)

Blue (50%)

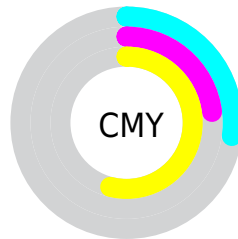


Cyan (5%)

Magenta (0%)

Yellow (40%)

Black (23%)



Cyan (27%)

Magenta (23%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC576 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 BBC576 by changing the saturation by 10% instead.




 BBC576

 BBC576

FFFFFF

 9FAA5C

 F4FEAB

 848F44

 FFFFC7

 6A762B

 FFFF E3

 515D12

 384600

 212F00

 001B00

 000000

 BBC576

 BBC576

 B9C562

 BDC58A

 B6C54F

 C0C59D

 B4C53B

 C2C5B1

 B1C527

 C5C5C5

 AFC514

 C7C5D9

 ACC500

 CAC5EC

 CCC5FF

 CFC5FF

 D1C5FF

# Harmonies

## Analogous

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



E1B972



BBC576



8FCE8E

# Triad

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



BBC576



2BCFFA



FFA1CA

# Complementary

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



BBC576



8076C5

# 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.



E5ABEE



BBC576



74C5FF

# Square

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



BBC576



1DD3DA



B4B8FF



FFA2A4

# Rectangle

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



BBC576



6DD1A6



B4B8FF



FBA4D7

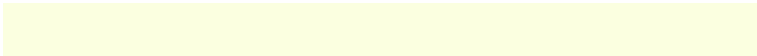


# Sweetspot

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



BBC576



FBFFE0



C57F76



7D806E



000000



808080



# Same Dimension

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



BBC576



F0FF85



94C576



62635A



8FA300



1F2400



# Inverse Universe

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



8076C5



9485FF



A776C5



5B5A63



1500A3



050024



# Previews

## White Background



This preview shows how the Hex color BBC576 looks on a white background.

## Color Contrast Check

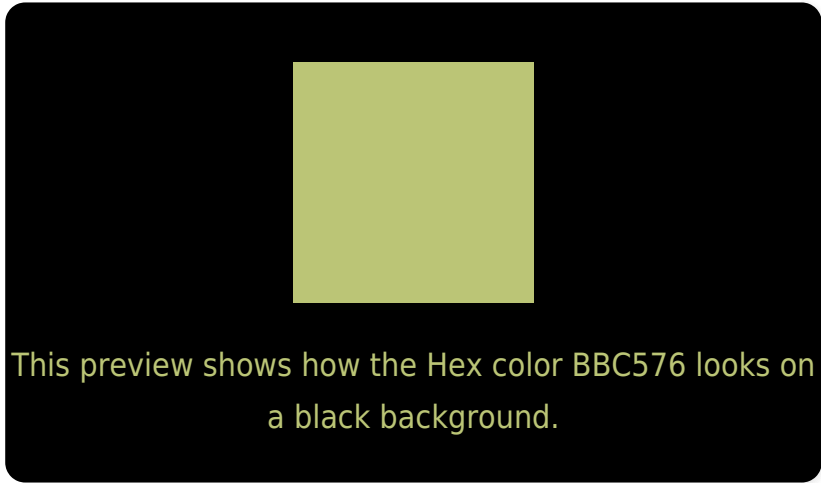
Large Text (above 18pt) WCAG AA × Fail

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

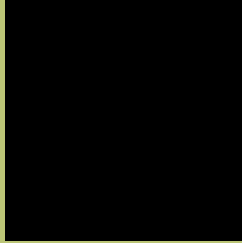
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

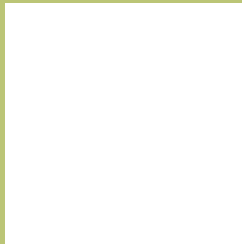
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBC576 Background



This preview shows how black text looks on a background with the Hex color BBC576.

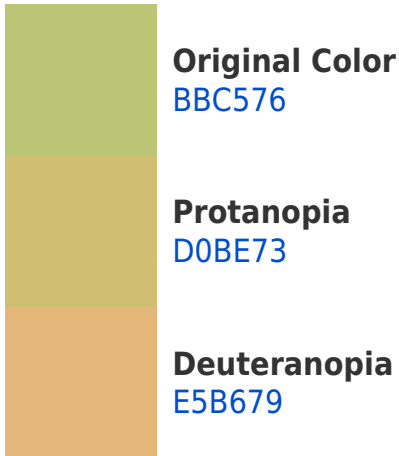


This preview shows how white text looks on a background with the Hex color BBC576.

# Color Blindness Simulation

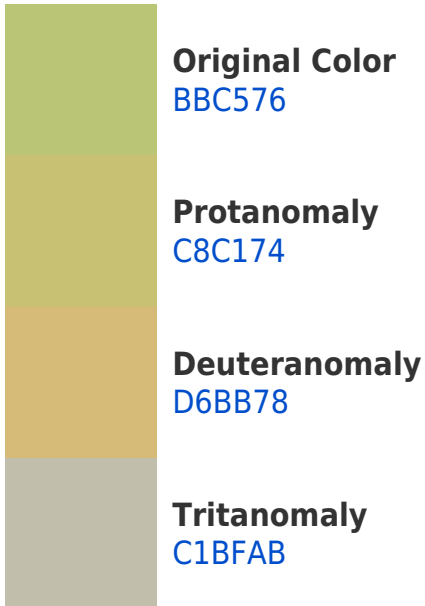
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC576 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 #BBC576 looks like.

```
.text, #text, p{  
    color:#BBC576  
}
```

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 #BBC576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC576
}
```

## Border

The CSS property to change the border of an element to Hex BBC576 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
#BBC576 }
```

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

```
.border{ border-color:#BBC576 }
```

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

Here you see how a box with a 4 pixel #BBC576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC576; -webkit-box-shadow:4px 4px  
4px 4px #BBC576; box-shadow:4px 4px 4px  
4px #BBC576 }
```

# Background

The CSS property to change the background color of an element to Hex BBC576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC576 }
```

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

```
.background{ background-color:#BBC576 }
```

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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