

# Converting Colors

Hex(BBB95E)

Have a look what the booklet for  
Hex(BBB95E) contains.

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# **Color**

**Hex(BBB95E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB95E
RGB	187, 185, 94
RGB Percent	73%, 73%, 37%
CMY	0.2667, 0.2745, 0.6314
CMYK	0.00, 0.01, 0.50, 0.27
HSL	59°, 41%, 55%
HSV	59°, 50%, 73%
XYZ	39.8629, 46.0709, 17.3812
YIQ	175.2240, 30.4030, -27.8770

# Conversions

## Conversions Part 2

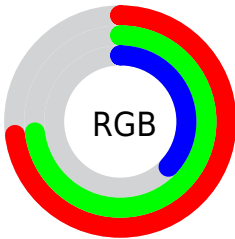
Format	Color
<a href="#">RYB</a>	<a href="#">96, 187, 94</a>
Decimal	<a href="#">12302686</a>
CIELab	<a href="#">73.59, -11.90, 45.97</a>
CIELCh	<a href="#">74, 47.491, 104.517</a>
Yxy	<a href="#">46.0709, 0.3858, 0.4459</a>
Android (android.graphics.Color)	<a href="#">4290492766</a> ( <a href="#">0xFFBBB95E</a> )
YUV	<a href="#">175.2240, -40.0434, 10.3276</a>
Hunter-Lab	<a href="#">67.8755, -13.9503, 32.3302</a>

# Details

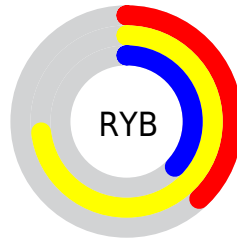
The Hex color **BBB95E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5E60BB**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **F5F193**, and **84842B** is the 20% darker color. If you saturate the color by 10%, you get **BBB94B**, and if you desaturate by 10%, it is **BBB971**.

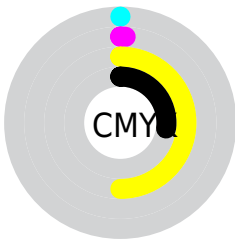
# Distribution



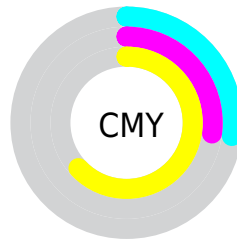
- Red (73%)
- Green (73%)
- Blue (37%)



- Red (38%)
- Yellow (73%)
- Blue (37%)



- Cyan (0%)
- Magenta (1%)
- Yellow (50%)
- Black (27%)



- Cyan (27%)
- Magenta (27%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB95E 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 BBB95E by changing the saturation by 10% instead.





BBB95E



BBB95E

FFFFFF



9F9E45



F5F193



84842B



FFFFAE



696B0F



FFFFCA



4F5300



FFFFE6



363C00



1D2600



001300



000000



BBB95E



BBB95E

 BBB94B

 BBB971

 BBB839

 BBBA83

 BBB826

 BBBA96

 BBB713

 BBBBA9

 BBB701

 BBBBBB

 BBB700

 BBBBCE

 BBBCE1

 BBBCF4

 BBBDFE

# Harmonies

## Analogous

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



E3AA60



BBB95E



8AC475

# Triad

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



BBB95E



00C8F1



FB94CD

# Complementary

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



BBB95E



5E60BB

# 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.



D4A1F3



BBB95E



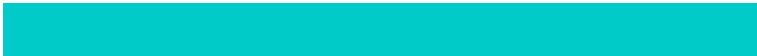
31C0FF

# Square

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



BBB95E



00CBC9



95B2FF



FF92A1

# Rectangle

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



BBB95E



63C88E



95B2FF



F098DB



# Sweetspot

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



BBB95E



F2F1CE



BB5E61



7A7A64



FAFAFA



7A7A7A



# Same Dimension

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



BBB95E



F2EF61



90BB5E



5E5E55



9E9B00



1F1E00



# Inverse Universe

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



5E60BB



6164F2



895EBB



55555E



00039E



00011F



# Previews

## White Background



This preview shows how the Hex color BBB95E looks on a white background.

## Color Contrast Check

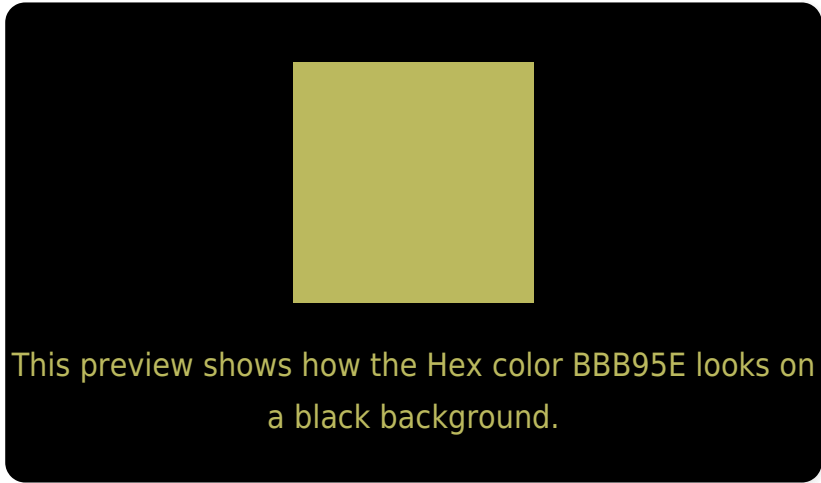
Large Text (above 18pt) WCAG AA × Fail

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

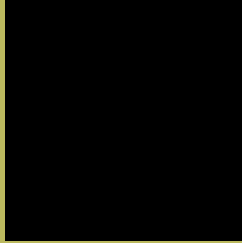
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBB95E Background



This preview shows how black text looks on a background with the Hex color BBB95E.



This preview shows how white text looks on a background with the Hex color BBB95E.

# 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



**Original Color**  
BBB95E

**Protanopia**  
C7B55D

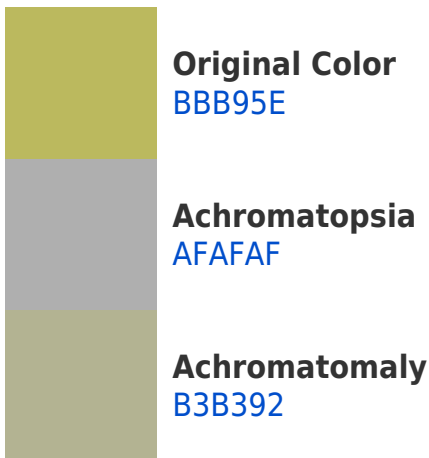
**Deuteranopia**  
DDAC61



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB95E 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 #BBB95E looks like.

```
.text, #text, p{  
    color:#BBB95E  
}
```

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 #BBB95E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB95E
}
```

## Border

The CSS property to change the border of an element to Hex BBB95E 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
#BBB95E }
```

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

```
.border{ border-color:#BBB95E }
```

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

Here you see how a box with a 4 pixel #BBB95E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB95E; -webkit-box-shadow:4px 4px  
4px 4px #BBB95E; box-shadow:4px 4px 4px  
4px #BBB95E }
```

# Background

The CSS property to change the background color of an element to Hex BBB95E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB95E }
```

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

```
.background{ background-color:#BBB95E }
```

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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