

# Converting Colors

Hex(BEEE58)

Have a look what the booklet for  
Hex(BEEE58) contains.

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# Color

Hex(**BEEE58**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BEEE58
RGB	190, 238, 88
RGB Percent	75%, 93%, 35%
CMY	0.2549, 0.0667, 0.6549
CMYK	0.20, 0.00, 0.63, 0.07
HSL	79°, 82%, 64%
HSV	79°, 63%, 93%
XYZ	53.5712, 72.8008, 20.4610
YIQ	206.5480, 19.5420, -56.8260

# Conversions

## Conversions Part 2

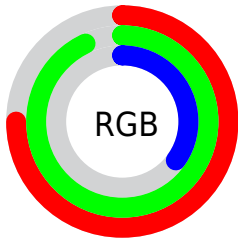
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 238, 136
Decimal	12512856
CIE Lab	88.35, -36.78, 65.36
CIE LCh	88, 74.999, 119.366
Yxy	72.8008, 0.3648, 0.4958
Android (android.graphics.Color)	4290702936 (0xFFBEEE58)
YUV	206.5480, -58.4442, -14.5126
Hunter-Lab	85.3234, -37.2428, 45.5083

# Details

The Hex color **BEEE58** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **8858EE**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F9FF90**, and **85B61A** is the 20% darker color. If you saturate the color by 10%, you get **B6EE40**, and if you desaturate by 10%, it is **C6EE70**.

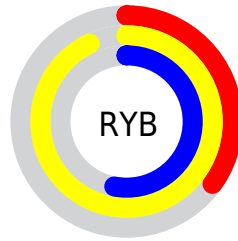
# Distribution



Red (75%)

Green (93%)

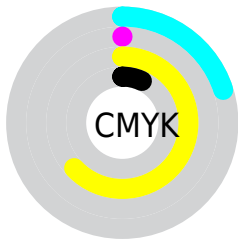
Blue (35%)



Red (35%)

Yellow (93%)

Blue (53%)

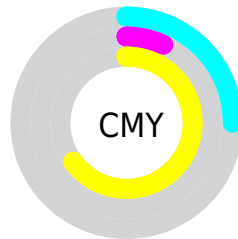


Cyan (20%)

Magenta (0%)

Yellow (63%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEEE58 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 BEEE58 by changing the saturation by 10% instead.



 BEEE58

 BEEE58

FFFFFF

 A1D23B

 F9FF90

 85B61A

 FFFFAC

 699B00

 FFFFC9

 4D8100

 FFFF E6

 326700

 0F4F00

 003700

 002400

 000000

 BEEE58

 BEEE58

 B6EE40

 C6EE70

 AFEE28

 CDEE88

 A7EE11

 D5EE9F

 A2EE00

 DCEEB7

 E4EECF

 ECEEE7

 F3EEFF

 FBEEFF

 FFEEFF

# Harmonies

## Analogous

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



FFDA43



BEEE58



58FB91

# Triad

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



BEEE58



00F8FF



FF9CE2

# Complementary

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



BEEE58



8858EE

# 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.



FFAEFF



BEEE58



00E6FF

# Square

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



BEEE58



00FFFF



DCCBFF



FFA59C

# Rectangle

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



BEEE58



00FFC1



DCCBFF



FFA0FA

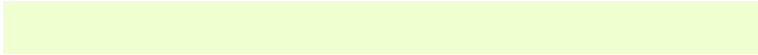


# Sweetspot

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



BEEE58



EFFFCF



EE8758



768062



000000



808080



# Same Dimension

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



BEEE58



C1FF3D



74EE58



74786C



7DB800



263800



# Inverse Universe

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



8858EE



7B3DFF



D258EE



706C78



3B00B8

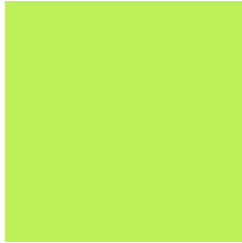


120038



# Previews

## White Background



This preview shows how the Hex color BEEE58 looks on a white background.

## Color Contrast Check

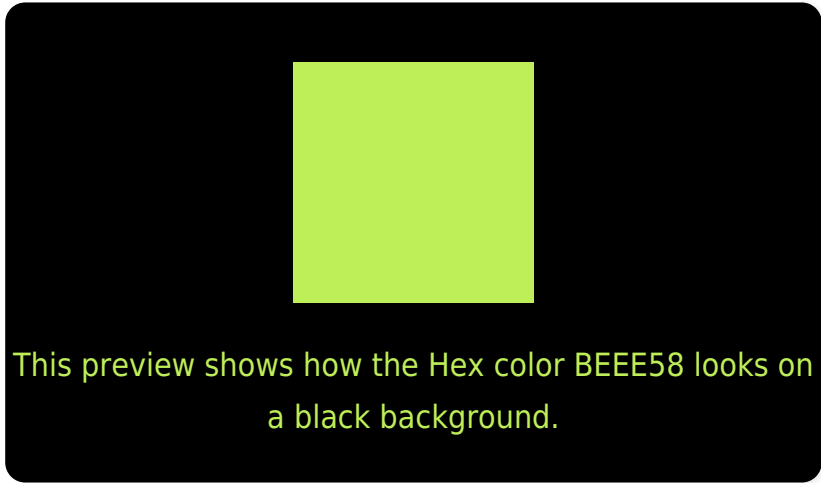
Large Text (above 18pt) WCAG AA × Fail

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 BEEE58 Background



This preview shows how black text looks on a background with the Hex color BEEE58.

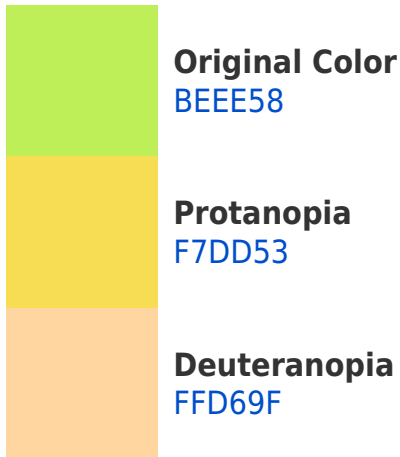


This preview shows how white text looks on a background with the Hex color BEEE58.

# Color Blindness Simulation

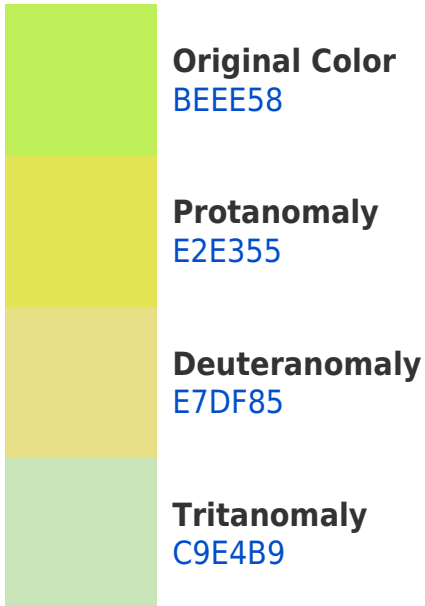
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

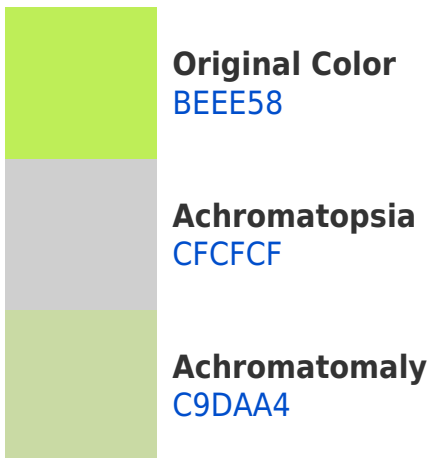




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEEE58 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 #BEEE58 looks like.

```
.text, #text, p{  
    color:#BEEE58  
}
```

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 #BEEE58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEEE58  
}
```

## Border

The CSS property to change the border of an element to Hex BEEE58 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  
#BEEE58 }
```

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

```
.border{ border-color:#BEEE58 }
```

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

Here you see how a box with a 4 pixel #BEEE58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEEE58; -webkit-box-shadow:4px 4px  
4px 4px #BEEE58; box-shadow:4px 4px 4px  
4px #BEEE58 }
```

# Background

The CSS property to change the background color of an element to Hex BEEE58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEEE58 }
```

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

```
.background{ background-color:#BEEE58 }
```

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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