

Converting Colors

Hex(BBE778)

Have a look what the booklet for
Hex(BBE778) contains.

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Color

Hex(BBE778)

Conversions

Conversions Part 1

Format	Color
Hex	BBE778
RGB	187, 231, 120
RGB Percent	73%, 91%, 47%
CMY	0.2667, 0.0941, 0.5294
CMYK	0.19, 0.00, 0.48, 0.09
HSL	84°, 70%, 69%
HSV	84°, 48%, 91%
XYZ	52.4596, 69.0727, 28.3367
YIQ	205.1900, 9.4070, -43.8490

Conversions

Conversions Part 2

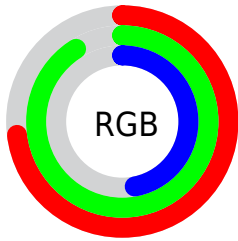
Format	Color
RYB	120, 231, 164
Decimal	12314488
CIELab	86.54, -31.84, 49.10
CIElCh	87, 58.523, 122.963
Yxy	69.0727, 0.3500, 0.4609
Android (android.graphics.Color)	4290504568 (0xFFBBE778)
YUV	205.1900, -41.9987, -15.9526
Hunter-Lab	83.1100, -32.7720, 37.9618

Details

The Hex color **BBE778** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A478E7**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F5FFAE**, and **83AF44** is the 20% darker color. If you saturate the color by 10%, you get **B2E761**, and if you desaturate by 10%, it is **C4E78F**.

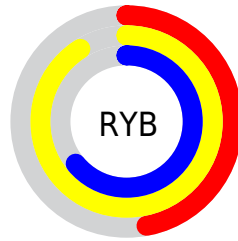
Distribution



Red (73%)

Green (91%)

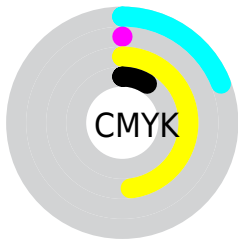
Blue (47%)



Red (47%)

Yellow (91%)

Blue (64%)

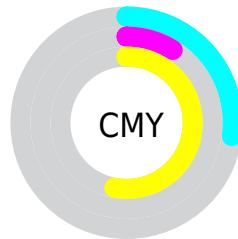


Cyan (19%)

Magenta (0%)

Yellow (48%)

Black (9%)



Cyan (27%)

Magenta (9%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBE778 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 BBE778 by changing the saturation by 10% instead.

 BBE778

FFFFFF

 F5FFAE

 FFFFCA

 FFFFE7

 BBE778

 9FCB5E

 83AF44

 699429

 4E7A09

 346100

 194900

 003200

 001F00

 000000

 BBE778

 BBE778

 B2E761

 C4E78F

 A9E74A

 CDE7A6

 A0E733

 D6E7BD

 96E71C

 E0E7D4

 8DE705

 E9E7EB

 8BE700

 F2E7FF

 FBE7FF

 FFE7FF

Harmonies

Analogous

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



F5D766



BBE778



72F1A4

Triad

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



BBE778



00ECFF



FFAAD5

Complementary

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



BBE778



A478E7

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.



FFB4FF



BBE778



83DDFF

Square

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



BBE778



00F3FF



E4C8FF



FFB19F

Rectangle

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



BBE778



04F4C9



E4C8FF



FFABE8

Sweetspot

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



BBE778



F1FFDB



E7A378



77806A



000000



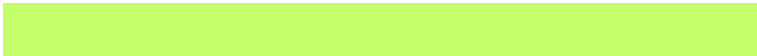
808080

Same Dimension

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



BBE778



C4FF6B



85E778



6E7367



6CB300



1F3300

Inverse Universe

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



A478E7



A66BFF



DA78E7



6C6773



4700B3



140033

Previews

White Background



This preview shows how the Hex color BBE778 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



This preview shows how the Hex color BBE778 looks on a 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 BBE778 Background



This preview shows how black text looks on a background with the Hex color BBE778.

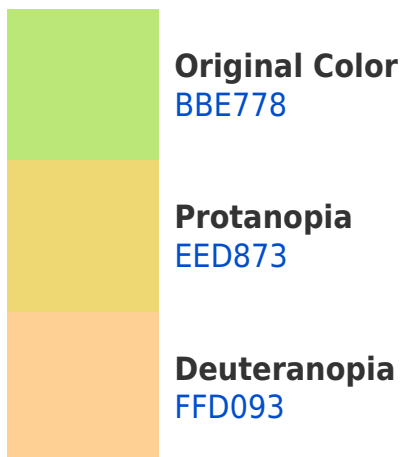


This preview shows how white text looks on a background with the Hex color BBE778.

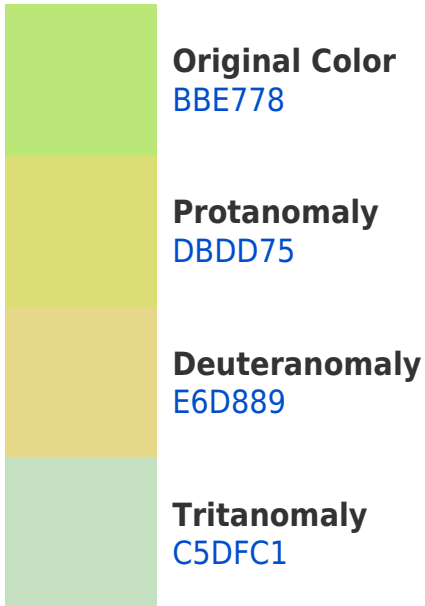
Color Blindness Simulation

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](#).

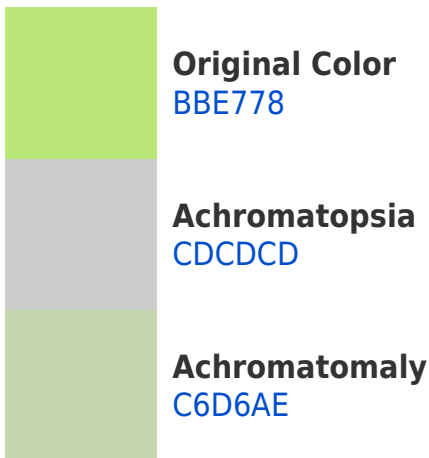
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBE778 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 #BBE778 looks like.

```
.text, #text, p{  
    color:#BBE778  
}
```

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 #BBE778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBE778
}
```

Border

The CSS property to change the border of an element to Hex BBE778 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
#BBE778 }
```

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

```
.border{ border-color:#BBE778 }
```

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

Here you see how a box with a 4 pixel #BBE778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBE778; -webkit-box-shadow:4px 4px  
4px 4px #BBE778; box-shadow:4px 4px 4px  
4px #BBE778 }
```

Background

The CSS property to change the background color of an element to Hex BBE778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBE778 }
```

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

```
.background{ background-color:#BBE778 }
```

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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