

# Converting Colors

Hex(BCE075)

Have a look what the booklet for  
Hex(BCE075) contains.

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**Color**

**Hex(BCE075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCE075
RGB	188, 224, 117
RGB Percent	74%, 88%, 46%
CMY	0.2627, 0.1216, 0.5412
CMYK	0.16, 0.00, 0.48, 0.12
HSL	80°, 63%, 67%
HSV	80°, 48%, 88%
XYZ	50.6056, 65.2870, 26.7641
YIQ	201.0380, 12.8910, -40.9090

# Conversions

## Conversions Part 2

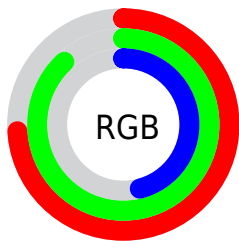
Format	Color
<a href="#">RYB</a>	<a href="#">117, 224, 153</a>
Decimal	<a href="#">12378229</a>
CIELab	<a href="#">84.63, -28.51, 48.22</a>
CIELCh	<a href="#">85, 56.015, 120.591</a>
Yxy	<a href="#">65.2870, 0.3547, 0.4577</a>
Android (android.graphics.Color)	<a href="#">4290568309 (0xFFBCE075)</a>
YUV	<a href="#">201.0380, -41.4307, -11.4343</a>
Hunter-Lab	<a href="#">80.8004, -29.6055, 36.9212</a>

# Details

The Hex color **BCE075** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9975E0**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F6FFAB**, and **85A941** is the 20% darker color. If you saturate the color by 10%, you get **B4E05F**, and if you desaturate by 10%, it is **C4E08B**.

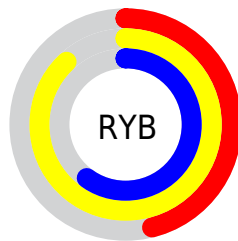
# Distribution



Red (74%)

Green (88%)

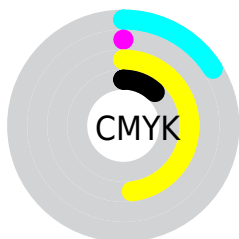
Blue (46%)



Red (46%)

Yellow (88%)

Blue (60%)

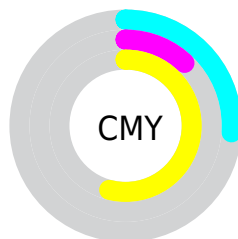


Cyan (16%)

Magenta (0%)

Yellow (48%)

Black (12%)



Cyan (26%)

Magenta (12%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCE075 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 BCE075 by changing the saturation by 10% instead.



 BCE075

FFFFFF

 F6FFAB

 FFFFC7

 FFFFE4

 BCE075

 A0C45B

 85A941

 6A8E27

 507406

 365C00

 1C4400

 002D00

 001900

 000000

 BCE075

 BCE075

 B4E05F

 C4E08B

 ADE048

 CBE0A2

 A5E032

 D3E0B8

 9EE01B

 DAE0CF

 96E005

 E2E0E5

 95E000

 E9E0FB

 F1E0FF

 F8E0FF

 FFE0FF

# Harmonies

## Analogous

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



F2D167



BCE075



79EA9D

# Triad

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



BCE075



00E6FF



FFA7D4

# Complementary

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



BCE075



9975E0

# 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.



FFB2FF



BCE075



7AD8FF

# Square

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



BCE075



00EDFF



D9C5FF



FFADA0

# Rectangle

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



BCE075



31EDC0



D9C5FF



FFA9E6

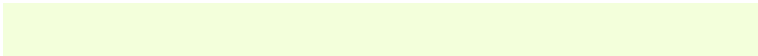


# Sweetspot

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



BCE075



F3FFDB



E09975



78806A



000000



808080



# Same Dimension

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



BCE075



CEFF6E



87E075



6C7065



75B000



203000



# Inverse Universe

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



9975E0



9F6EFF



CE75E0



696570



3B00B0

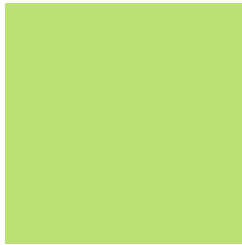


100030



# Previews

## White Background



This preview shows how the Hex color BCE075 looks on a white background.

## Color Contrast Check

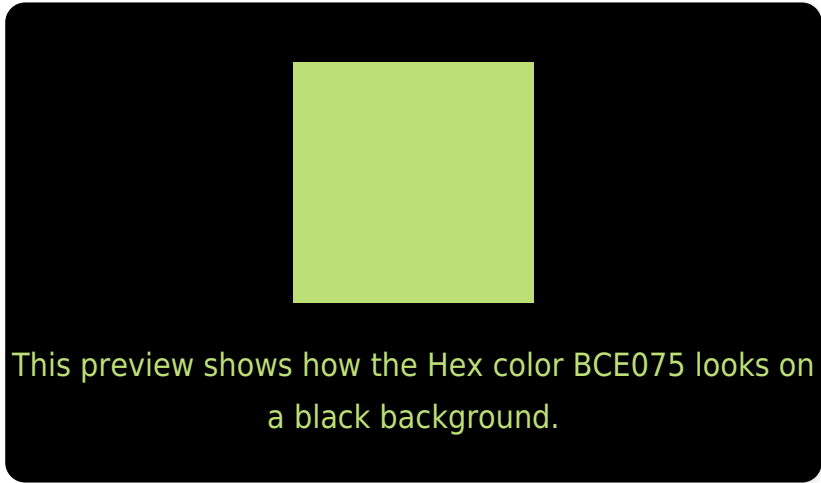
Large Text (above 18pt) WCAG AA × Fail

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 BCE075 Background



This preview shows how black text looks on a background with the Hex color BCE075.

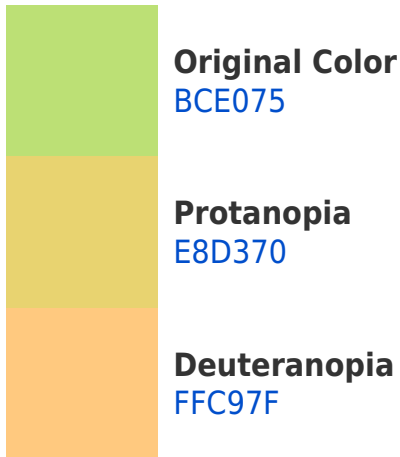


This preview shows how white text looks on a background with the Hex color BCE075.

# 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](#).

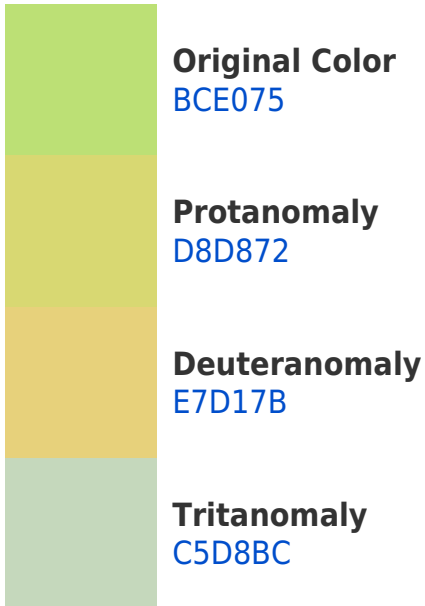
## Dichromacy



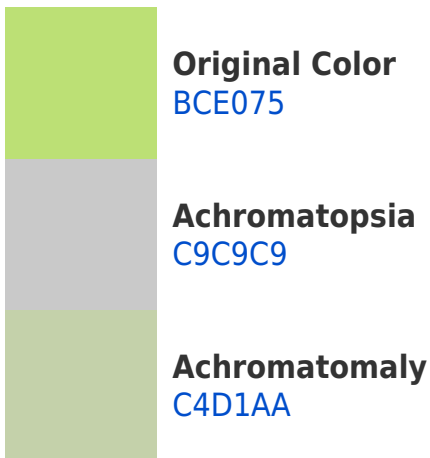


**Tritanopia**  
CAD4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCE075 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 #BCE075 looks like.

```
.text, #text, p{  
    color:#BCE075  
}
```

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 #BCE075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE075  
}
```

## Border

The CSS property to change the border of an element to Hex BCE075 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  
#BCE075 }
```

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

```
.border{ border-color:#BCE075 }
```

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

Here you see how a box with a 4 pixel #BCE075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE075; -webkit-box-shadow:4px 4px  
4px 4px #BCE075; box-shadow:4px 4px 4px  
4px #BCE075 }
```

# Background

The CSS property to change the background color of an element to Hex BCE075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE075 }
```

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

```
.background{ background-color:#BCE075 }
```

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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