

# Converting Colors

Hex(BED762)

Have a look what the booklet for  
Hex(BED762) contains.

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**Color**

**Hex(BED762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BED762
RGB	190, 215, 98
RGB Percent	75%, 84%, 38%
CMY	0.2549, 0.1569, 0.6157
CMYK	0.12, 0.00, 0.54, 0.16
HSL	73°, 59%, 61%
HSV	73°, 54%, 84%
XYZ	47.7402, 60.4299, 20.7032
YIQ	194.1870, 22.6570, -41.6870

# Conversions

## Conversions Part 2

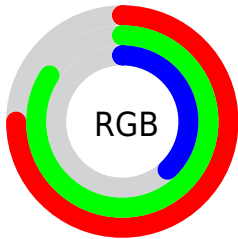
Format	Color
<a href="#">RYB</a>	<a href="#">98, 215, 123</a>
Decimal	<a href="#">12506978</a>
CIELab	<a href="#">82.07, -25.27, 54.08</a>
CIELCh	<a href="#">82, 59.694, 115.043</a>
Yxy	<a href="#">60.4299, 0.3704, 0.4689</a>
Android (android.graphics.Color)	<a href="#">4290697058 (0xFFBED762)</a>
YUV	<a href="#">194.1870, -47.4202, -3.6720</a>
Hunter-Lab	<a href="#">77.7367, -26.4173, 38.6252</a>

# Details

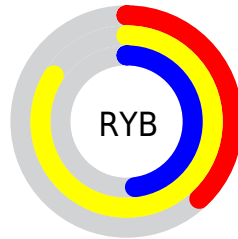
The Hex color **BED762** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7B62D7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **F8FF98**, and **86A02C** is the 20% darker color. If you saturate the color by 10%, you get **B9D74D**, and if you desaturate by 10%, it is **C3D778**.

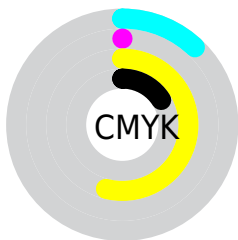
# Distribution



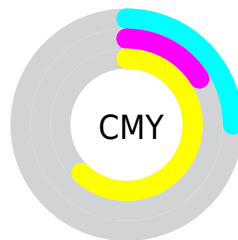
- Red (75%)
- Green (84%)
- Blue (38%)



- Red (38%)
- Yellow (84%)
- Blue (48%)



- Cyan (12%)
- Magenta (0%)
- Yellow (54%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BED762 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 BED762 by changing the saturation by 10% instead.



 BED762

 BED762

FFFFFF

 A2BB48

 F8FF98

 86A02C

 FFFFFB4

 6B860B

 FFFFFD0

 516D00

 FFFFFED

 375400

 1C3D00

 002700

 000E00

 000000

 BED762

 BED762

 B9D74D

 C3D778

 B5D737

 C7D78D

 B0D722

 CCD7A3

 ACD70C

 D0D7B8

 A9D700

 D5D7CE

 DAD7E3

 DED7F9

 E3D7FF

 E7D7FF

# Harmonies

## Analogous

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



F5C659



BED762



79E289

# Triad

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



BED762



00E2FF



FF9DD8

# Complementary

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



BED762



7B62D7

# 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.



FFABFF



BED762



42D5FF

# Square

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



BED762



00E8FA



C1C1FF



FFA0A0

# Rectangle

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



BED762



2AE7AD



C1C1FF



FFA0EB

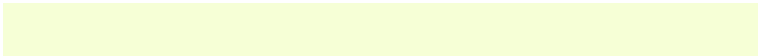


# Sweetspot

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



BED762



F6FFD6



D77962



7A8067



000000



808080



# Same Dimension

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



BED762



DCFF59



85D762



696B60



86AB00



222B00



# Inverse Universe

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



7B62D7



7D59FF



B462D7



63606B



2500AB



09002B



# Previews

## White Background



This preview shows how the Hex color BED762 looks on a white background.

## Color Contrast Check

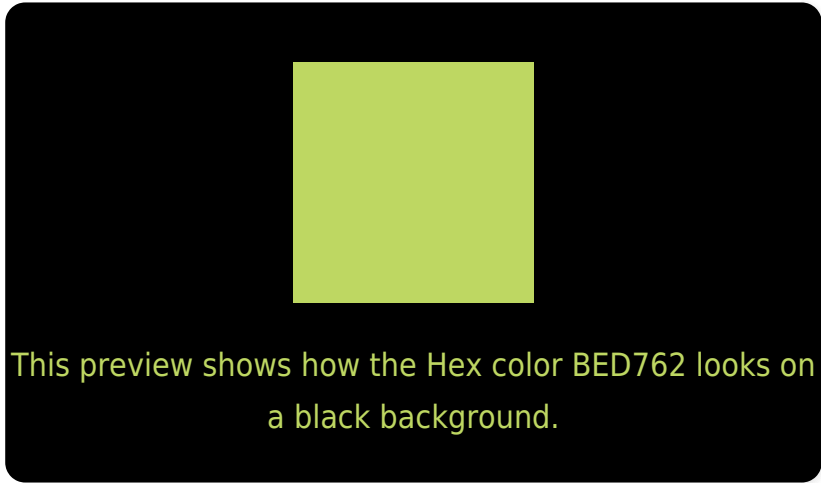
Large Text (above 18pt) WCAG AA × Fail

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 BED762 Background



This preview shows how black text looks on a background with the Hex color BED762.

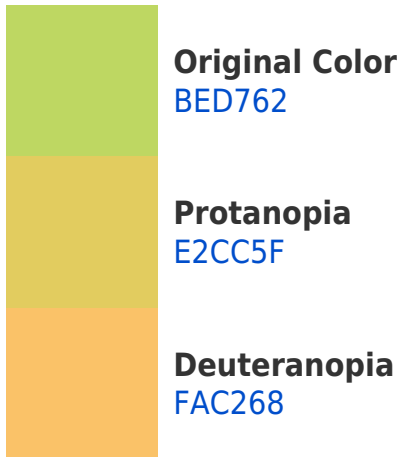


This preview shows how white text looks on a background with the Hex color BED762.

# Color Blindness Simulation

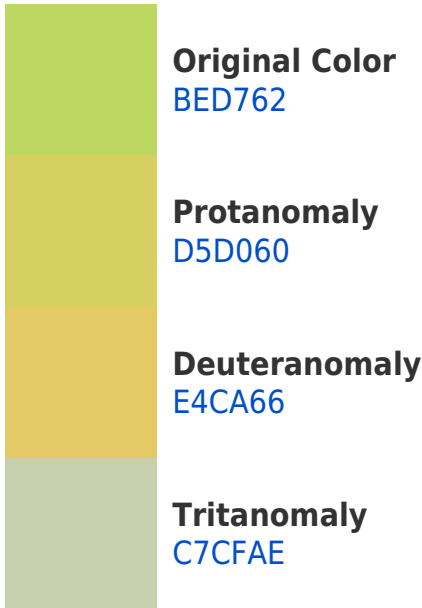
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

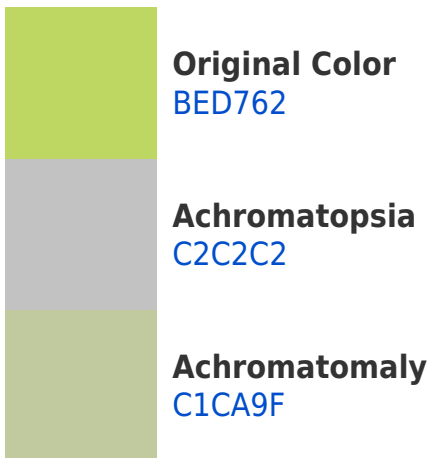




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BED762 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 #BED762 looks like.

```
.text, #text, p{  
    color:#BED762  
}
```

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 #BED762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BED762
}
```

## Border

The CSS property to change the border of an element to Hex BED762 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
#BED762 }
```

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

```
.border{ border-color:#BED762 }
```

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

Here you see how a box with a 4 pixel #BED762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BED762; -webkit-box-shadow:4px 4px  
4px 4px #BED762; box-shadow:4px 4px 4px  
4px #BED762 }
```

# Background

The CSS property to change the background color of an element to Hex BED762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BED762 }
```

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

```
.background{ background-color:#BED762 }
```

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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