

# Converting Colors

Hex(BE5557)

Have a look what the booklet for  
Hex(BE5557) contains.

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# Color

**Hex(BE5557)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE5557
RGB	190, 85, 87
RGB Percent	75%, 33%, 34%
CMY	0.2549, 0.6667, 0.6588
CMYK	0.00, 0.55, 0.54, 0.25
HSL	359°, 45%, 54%
HSV	359°, 55%, 75%
XYZ	26.2040, 18.1323, 11.1356
YIQ	116.6230, 61.9380, 22.8820

# Conversions

## Conversions Part 2

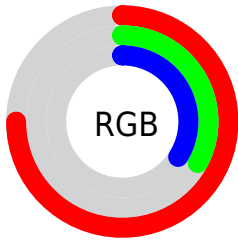
Format	Color
R <sub>Y</sub> B	190, 85, 87
Decimal	12473687
CIE Lab	49.66, 42.42, 19.67
CIE LCh	50, 46.760, 24.877
Yxy	18.1323, 0.4724, 0.3269
Android (android.graphics.Color)	4290663767 (0xFFBE5557)
YUV	116.6230, -14.6041, 64.3516
Hunter-Lab	42.5820, 35.3264, 14.3025

# Details

The Hex color **BE5557** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **55BEBE**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FA8A89**, and **84202A** is the 20% darker color. If you saturate the color by 10%, you get **BE4244**, and if you desaturate by 10%, it is **BE686A**.

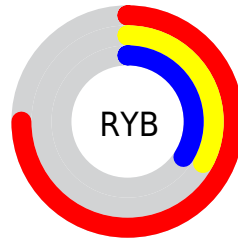
# Distribution



Red (75%)

Green (33%)

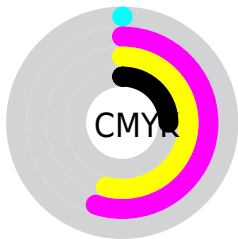
Blue (34%)



Red (75%)

Yellow (33%)

Blue (34%)

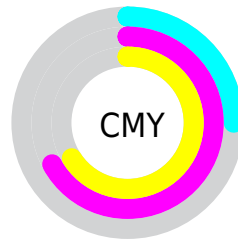


Cyan (0%)

Magenta (55%)

Yellow (54%)

Black (25%)



Cyan (25%)

Magenta (67%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE5557 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 BE5557 by changing the saturation by 10% instead.





BE5557



BE5557

FFFFFF



A13B40



FA8A89



84202A



FFA5A3



670016



FFC1BE



4C0000



FFDDDA



330002



FFFAF6



000000



BE5557



BE5557



BE4244



BE686A



BE2F32



BE7B7C

 BE1C1F

 BE8E8F

 BE090C

 BEA1A2

 BE0004

 BEB4B4

 BEC7C7

 BEDAD9

 BEEDEC

 BEFFFF

# Harmonies

## Analogous

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



BA537F



BE5557



AF6235

# Triad

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



BE5557



388546



007DC5

# Complementary

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



BE5557



55BEBC

# 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.



0085B6



BE5557



00896E

# Square

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



BE5557



6B7E29



008996



6C6EBE

# Rectangle

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



BE5557



9C6D26



008996



0080C2



# Sweetspot

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



BE5557



F7CDCE



BB55BE



7D6464



FCFCFC



7D7D7D



# Same Dimension

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



BE5557



F75457



BE8655



5E5555



9E0003



1F0001



# Inverse Universe

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



BE5557



F75457



558DBE



5E5555



9E0003



1F0001



# Previews

## White Background



This preview shows how the Hex color BE5557 looks on a white background.

## Color Contrast Check

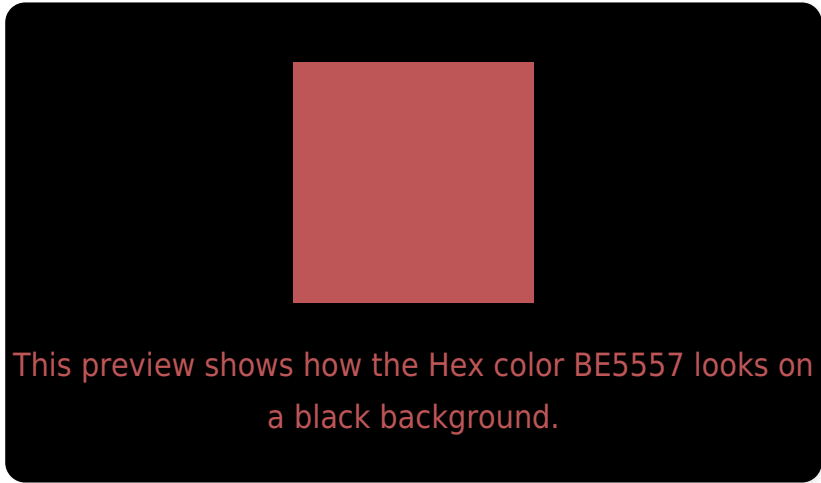
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 × Fail

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



## Hex BE5557 Background



This preview shows how black text looks on a background with the Hex color BE5557.

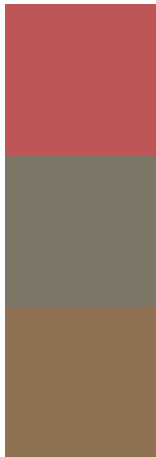


This preview shows how white text looks on a background with the Hex color BE5557.

# 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



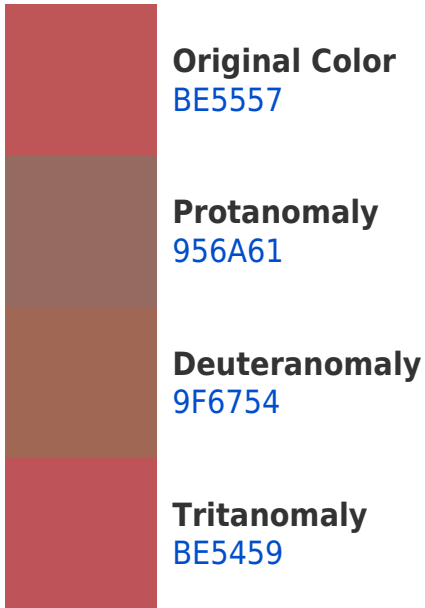
**Original Color**  
BE5557

**Protanopia**  
7D7666

**Deuteranopia**  
8E7252



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE5557 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 #BE5557 looks like.

```
.text, #text, p{  
    color:#BE5557  
}
```

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 #BE5557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE5557  
}
```

## Border

The CSS property to change the border of an element to Hex BE5557 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  
#BE5557 }
```

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

```
.border{ border-color:#BE5557 }
```

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

Here you see how a box with a 4 pixel #BE5557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE5557; -webkit-box-shadow:4px 4px  
4px 4px #BE5557; box-shadow:4px 4px 4px  
4px #BE5557 }
```

# Background

The CSS property to change the background color of an element to Hex BE5557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE5557 }
```

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

```
.background{ background-color:#BE5557 }
```

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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