

# Converting Colors

Hex(B75E71)

Have a look what the booklet for  
Hex(B75E71) contains.

<b>Hex(B75E71)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B75E71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B75E71
RGB	183, 94, 113
RGB Percent	72%, 37%, 44%
CMY	0.2824, 0.6314, 0.5569
CMYK	0.00, 0.49, 0.38, 0.28
HSL	347°, 38%, 54%
HSV	347°, 49%, 72%
XYZ	26.5118, 19.2649, 17.9440
YIQ	122.7770, 46.9450, 24.7770

# Conversions

## Conversions Part 2

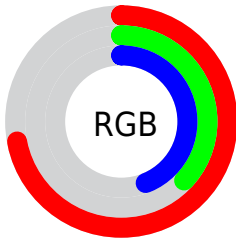
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 94, 113
Decimal	12017265
CIE <sub>Lab</sub>	51.00, 37.92, 5.86
CIE <sub>LCh</sub>	51, 38.366, 8.783
Yxy	19.2649, 0.4161, 0.3023
Android (android.graphics.Color)	4290207345 (0xFFB75E71)
YUV	122.7770, -4.8201, 52.8156
Hunter-Lab	43.8918, 31.0078, 6.4852

# Details

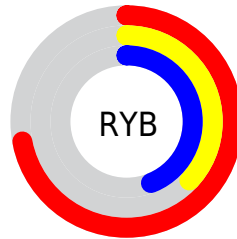
The Hex color **B75E71** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5EB7A4**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **F192A5**, and **7F2C41** is the 20% darker color. If you saturate the color by 10%, you get **B74C63**, and if you desaturate by 10%, it is **B7707F**.

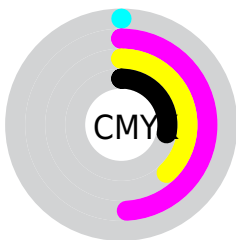
# Distribution



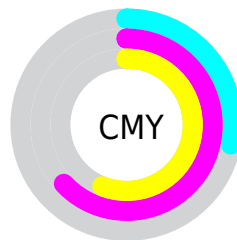
- Red (72%)
- Green (37%)
- Blue (44%)



- Red (72%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (38%)
- Black (28%)



- Cyan (28%)
- Magenta (63%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B75E71 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 B75E71 by changing the saturation by 10% instead.



 B75E71

 B75E71

FFFFFF

 9B4559

 F192A5

 7F2C41

 FFAEC0

 64102B

 FFCADC

 490017

 FFE6F8

 320001

 000000

 B75E71

 B75E71

 B74C63

 B7707F

 B73954

 B7838E

 B72746

 B7959C

 B71537

 B7A7AB

 B70229

 B7BAB9

 B70027

 B7CCC7

 B7DED6

 B7F0E4

 B7FFF3

# Harmonies

## Analogous

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



A96292



B75E71



B36452

# Triad

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



B75E71



618345



0083B6

# Complementary

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



B75E71



5EB7A4

# 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.



0089A2



B75E71



328861

# Square

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



B75E71



847B36



008A82



547ABA

# Rectangle

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



B75E71



A86B42



008A82



0086B1



# Sweetspot

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



B75E71



EDCAD1



A45EB7



786267



F7F7F7



787878



# Same Dimension

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



B75E71



ED6481



B7775E



5C5355



9C0021



1C0006



# Inverse Universe

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



B75E71



ED6481



5E9EB7



5C5355



9C0021

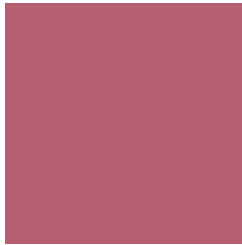


1C0006



# Previews

## White Background



This preview shows how the Hex color B75E71 looks on a white background.

## Color Contrast Check

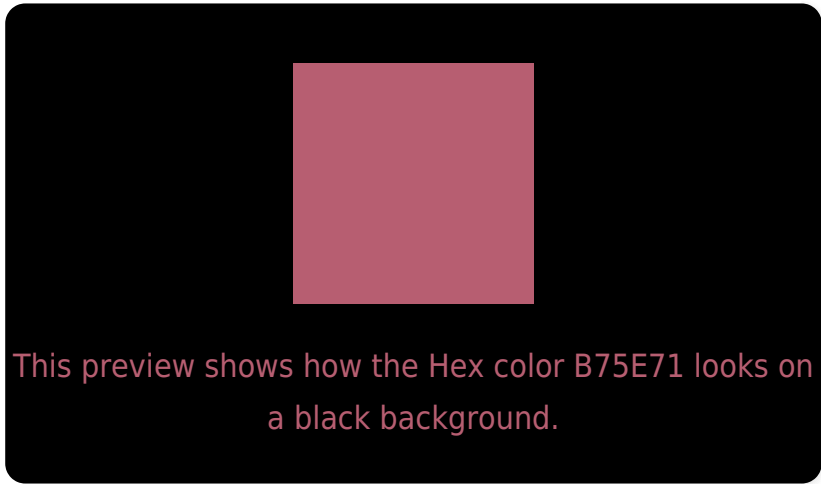
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex B75E71 Background



This preview shows how black text looks on a background with the Hex color B75E71.



This preview shows how white text looks on a background with the Hex color B75E71.

# 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**  
B75E71

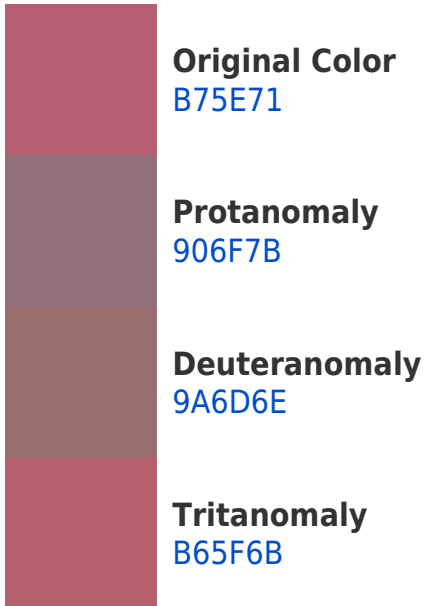
**Protanopia**  
7A7980

**Deuteranopia**  
8A766D



**Tritanopia**  
B66067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B75E71 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 #B75E71 looks like.

```
.text, #text, p{  
    color:#B75E71  
}
```

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 #B75E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B75E71
}
```

## Border

The CSS property to change the border of an element to Hex B75E71 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
#B75E71 }
```

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

```
.border{ border-color:#B75E71 }
```

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

Here you see how a box with a 4 pixel #B75E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B75E71; -webkit-box-shadow:4px 4px  
4px 4px #B75E71; box-shadow:4px 4px 4px  
4px #B75E71 }
```

# Background

The CSS property to change the background color of an element to Hex B75E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B75E71 }
```

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

```
.background{ background-color:#B75E71 }
```

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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