

# Converting Colors

Hex(B5575E)

Have a look what the booklet for  
Hex(B5575E) contains.

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# Color

Hex(B5575E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5575E
RGB	181, 87, 94
RGB Percent	71%, 34%, 37%
CMY	0.2902, 0.6588, 0.6314
CMYK	0.00, 0.52, 0.48, 0.29
HSL	356°, 39%, 53%
HSV	356°, 52%, 71%
XYZ	24.4846, 17.4483, 12.6671
YIQ	115.9040, 53.7770, 22.1050

# Conversions

## Conversions Part 2

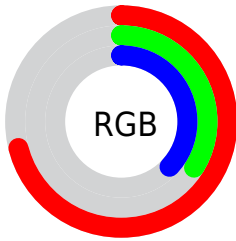
Format	Color
<a href="#">RYB</a>	<a href="#">181, 87, 94</a>
Decimal	<a href="#">11884382</a>
CIELab	<a href="#">48.82, 38.75, 14.12</a>
CIElCh	<a href="#">49, 41.240, 20.029</a>
Yxy	<a href="#">17.4483, 0.4484, 0.3196</a>
Android (android.graphics.Color)	<a href="#">4290074462</a> ( <a href="#">0xFFB5575E</a> )
YUV	<a href="#">115.9040, -10.7987, 57.0892</a>
Hunter-Lab	<a href="#">41.7712, 31.5302, 11.2602</a>

# Details

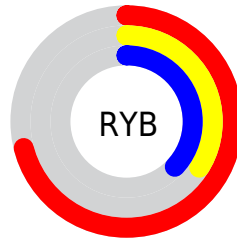
The Hex color **B5575E** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **57B5AE**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F08B90**, and **7C2430** is the 20% darker color. If you saturate the color by 10%, you get **B5454D**, and if you desaturate by 10%, it is **B5696F**.

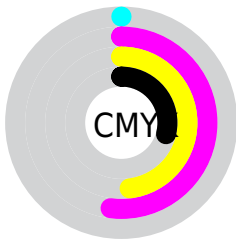
# Distribution



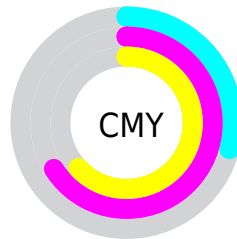
- Red (71%)
- Green (34%)
- Blue (37%)



- Red (71%)
- Yellow (34%)
- Blue (37%)



- Cyan (0%)
- Magenta (52%)
- Yellow (48%)
- Black (29%)



- Cyan (29%)
- Magenta (66%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5575E 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 B5575E by changing the saturation by 10% instead.



 B5575E

 B5575E

FFFFFF

 983E46

 F08B90

 7C2430

 FFA6AB

 60061B

 FFC2C6

 460000

 FFDFE2

 2D0002

 FFFCFF

 000000

 B5575E

 B5575E

 B5454D

 B5696F

 B5333C

 B57B80

 B5212C

 B58D90

 B50F1B

 B59FA1

 B5000D

 B5B2B2

 B5C4C3

 B5D6D3

 B5E8E4

 B5FAF5

# Harmonies

## Analogous

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



AE5781



B5575E



AA6140

# Triad

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



B5575E



488145



007BB8

# Complementary

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



B5575E



57B5AE

# 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.



0082A9



B5575E



008567

# Square

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



B5575E



71792F



00858B



636FB6

# Rectangle

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



B5575E



9B6A31



00858B



007EB5



# Sweetspot

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



B5575E



EBC5C8



AD57B5



755F61



F5F5F5



757575



# Same Dimension

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



B5575E



EB5964



B57E57



595051



99000B



1A0002



# Inverse Universe

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



B5575E



EB5964



578EB5



595051



99000B

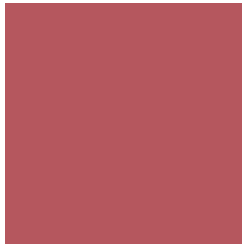


1A0002



# Previews

## White Background



This preview shows how the Hex color B5575E looks on a white background.

## Color Contrast Check

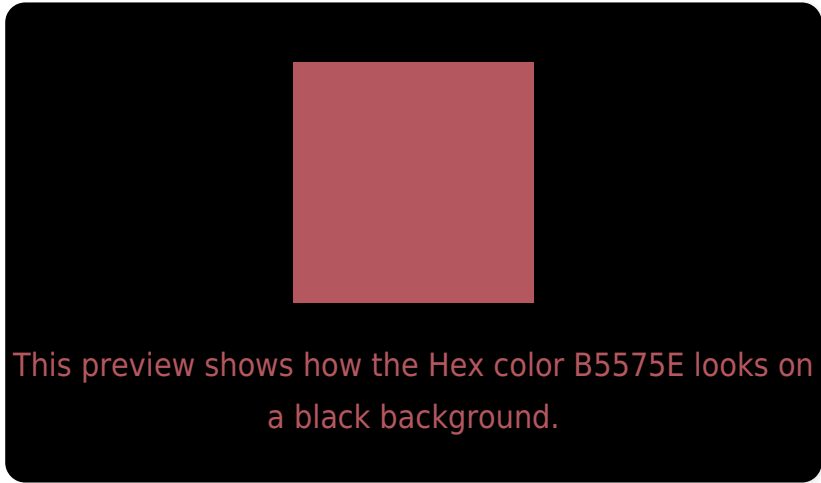
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

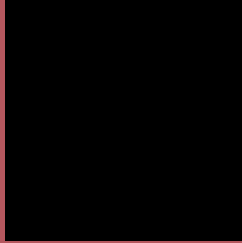
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B5575E Background



This preview shows how black text looks on a background with the Hex color B5575E.

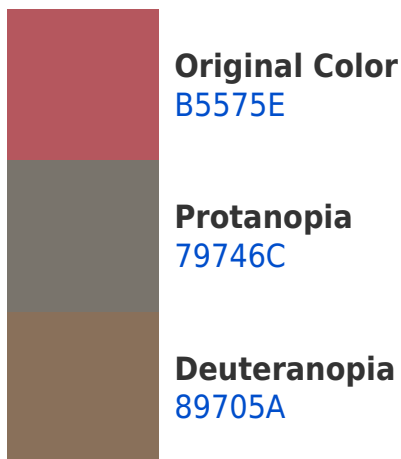



This preview shows how white text looks on a background with the Hex color B5575E.

# 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**  
B5575D

# Trichromacy



**Original Color**  
B5575E

**Protanomaly**  
8F6967

**Deuteranomaly**  
99675B

**Tritanomaly**  
B5575D

# Monochromacy



**Original Color**  
B5575E

**Achromatopsia**  
747474

**Achromatomaly**  
8C696C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5575E 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 #B5575E looks like.

```
.text, #text, p{  
    color:#B5575E  
}
```

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 #B5575E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5575E
}
```

## Border

The CSS property to change the border of an element to Hex B5575E is called "border". The border property can be set on classes, ids or directly on the HTML element.

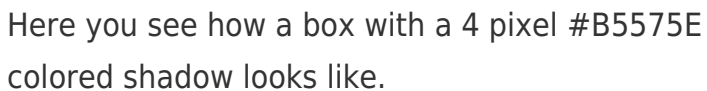
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5575E }
```

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

```
.border{ border-color:#B5575E }
```

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



Here you see how a box with a 4 pixel #B5575E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5575E; -webkit-box-shadow:4px 4px  
4px 4px #B5575E; box-shadow:4px 4px 4px  
4px #B5575E }
```

# Background

The CSS property to change the background color of an element to Hex B5575E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5575E }
```

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

```
.background{ background-color:#B5575E }
```

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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