

# Converting Colors

Hex(B35E66)

Have a look what the booklet for  
Hex(B35E66) contains.

<b>Hex(B35E66)</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(B35E66)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B35E66
RGB	179, 94, 102
RGB Percent	70%, 37%, 40%
CMY	0.2980, 0.6314, 0.6000
CMYK	0.00, 0.47, 0.43, 0.30
HSL	354°, 36%, 54%
HSV	354°, 47%, 70%
XYZ	24.9914, 18.5484, 14.8334
YIQ	120.3270, 48.0920, 20.5080

# Conversions

## Conversions Part 2

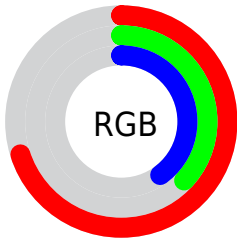
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 94, 102
Decimal	11755110
CIE Lab	50.15, 35.17, 11.15
CIE LCh	50, 36.898, 17.589
Yxy	18.5484, 0.4281, 0.3178
Android (android.graphics.Color)	4289945190 (0xFFB35E66)
YUV	120.3270, -9.0352, 51.4562
Hunter-Lab	43.0679, 28.2110, 9.7269

# Details

The Hex color **B35E66** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5EB3AB**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **ED9299**, and **7B2C37** is the 20% darker color. If you saturate the color by 10%, you get **B34C56**, and if you desaturate by 10%, it is **B37076**.

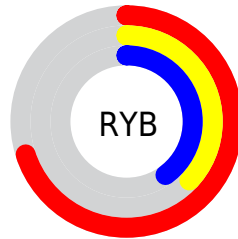
# Distribution



Red (70%)

Green (37%)

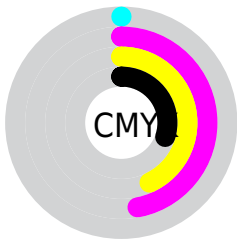
Blue (40%)



Red (70%)

Yellow (37%)

Blue (40%)

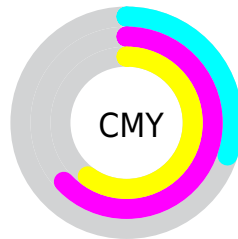


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (30%)



Cyan (30%)

Magenta (63%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B35E66 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 B35E66 by changing the saturation by 10% instead.



 B35E66

 B35E66

FFFFFF

 97454E

 ED9299

 7B2C37

 FFADB4

 601222

 FFC9CF

 45000C

 FFE6EB

 2F0001

 000000

 B35E66

 B35E66

 B34C56

 B37076

 B33A46

 B38286

 B32835

 B39497

 B31625

 B3A6A7

 B30515

 B3B8B7

 B30011

 B3C9C7

 B3DBD8

 B3EDE8

 B3FFF8

# Harmonies

## Analogous

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



AB5F86



B35E66



AB664A

# Triad

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



B35E66



54834C



1A7EB4

# Complementary

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



B35E66



5EB3AB

# 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.



0085A5



B35E66



208769

# Square

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



B35E66



787B39



008789



6574B3

# Rectangle

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



B35E66



9E6D3D



008789



0081B1



# Sweetspot

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



B35E66



E8C8CB



AB5EB3



756163



F5F5F5



757575



# Same Dimension

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



B35E66



E86470



B3805E



595051



99000E



1A0002



# Inverse Universe

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



B35E66



E86470



5E91B3



595051



99000E



1A0002



# Previews

## White Background



This preview shows how the Hex color B35E66 looks on a white background.

## Color Contrast Check

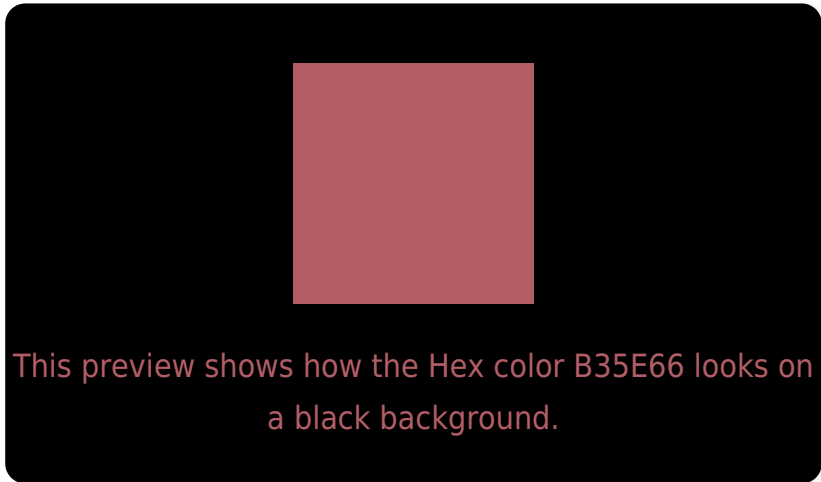
Large Text (above 18pt) WCAG AA ✓ Pass

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 B35E66 Background



This preview shows how black text looks on a background with the Hex color B35E66.

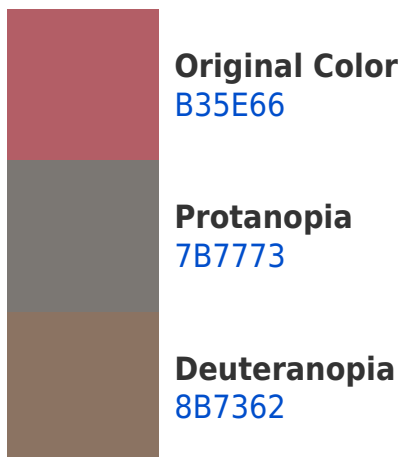


This preview shows how white text looks on a background with the Hex color B35E66.

# 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**  
B35E65

# Trichromacy



**Original Color**  
B35E66

**Protanomaly**  
8F6E6E

**Deuteranomaly**  
9A6B63

**Tritanomaly**  
B35E65

# Monochromacy



**Original Color**  
B35E66

**Achromatopsia**  
787878

**Achromatomaly**  
8D6F71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B35E66 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 #B35E66 looks like.

```
.text, #text, p{  
    color:#B35E66  
}
```

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 #B35E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35E66
}
```

## Border

The CSS property to change the border of an element to Hex B35E66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

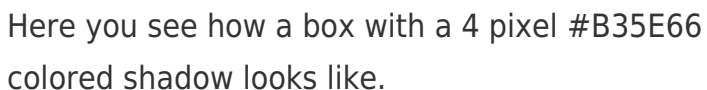
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B35E66 }
```

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

```
.border{ border-color:#B35E66 }
```

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



Here you see how a box with a 4 pixel #B35E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35E66; -webkit-box-shadow:4px 4px  
4px 4px #B35E66; box-shadow:4px 4px 4px  
4px #B35E66 }
```

# Background

The CSS property to change the background color of an element to Hex B35E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35E66 }
```

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

```
.background{ background-color:#B35E66 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor