

# Converting Colors

Hex(B35686)

Have a look what the booklet for  
Hex(B35686) contains.

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**Color**

**Hex(B35686)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B35686
RGB	179, 86, 134
RGB Percent	70%, 34%, 53%
CMY	0.2980, 0.6627, 0.4745
CMYK	0.00, 0.52, 0.25, 0.30
HSL	329°, 38%, 52%
HSV	329°, 52%, 70%
XYZ	26.2213, 17.9605, 24.6390
YIQ	119.2790, 40.0200, 34.6440

# Conversions

## Conversions Part 2

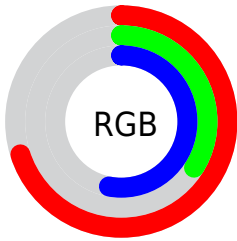
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 86, 134
Decimal	11753094
CIE <sub>Lab</sub>	49.45, 43.39, -9.03
CIE <sub>LCh</sub>	49, 44.319, 348.238
Yxy	17.9605, 0.3810, 0.2610
Android (android.graphics.Color)	4289943174 (0xFFB35686)
YUV	119.2790, 7.2575, 52.3753
Hunter-Lab	42.3798, 36.2768, -4.8044

# Details

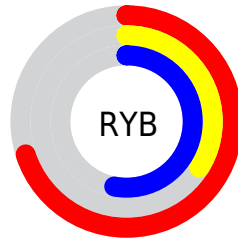
The Hex color **B35686** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **56B383**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ED8BBB**, and **7C2254** is the 20% darker color. If you saturate the color by 10%, you get **B3447D**, and if you desaturate by 10%, it is **B3688F**.

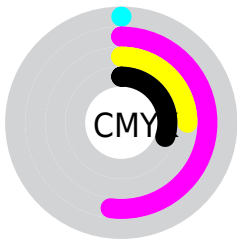
# Distribution



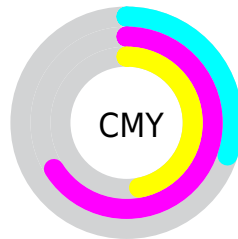
- Red (70%)
- Green (34%)
- Blue (53%)



- Red (70%)
- Yellow (34%)
- Blue (53%)



- Cyan (0%)
- Magenta (52%)
- Yellow (25%)
- Black (30%)



- Cyan (30%)
- Magenta (66%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B35686 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 B35686 by changing the saturation by 10% instead.



 B35686

 B35686


FFFFFF

 973C6D

 ED8BBB

 7C2254

 FFA6D7

 61003D

 FFC2F3

 460027

 FFDEFF

 300013

 FFFBFF

 000000

 B35686

 B35686

 B3447D

 B3688F

 B33275

 B37A97

 B3206C

 B38CA0

 B30E63

 B39EA9

 B3005C

 B3B0B1

 B3C1BA

 B3D3C3

 B3E5CB

 B3F7D4

# Harmonies

## Analogous

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



9562A8



B35686



BB5560

# Triad

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



B35686



747B29



0085AD

# Complementary

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



B35686



56B383

# 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.



00888C



B35686



488341

# Square

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



B35686



976E29



008765



007EBF

# Rectangle

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



B35686



B65C49



008765



0087A3



# Sweetspot

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



B35686



E8C3D6



8356B3



755F6B



F5F5F5



757575



# Same Dimension

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



B35686



E858A2



B35658



595055



99004F



1A000D



# Inverse Universe

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



B35686



E858A2



56B3B1



595055



99004F



1A000D



# Previews

## White Background



This preview shows how the Hex color B35686 looks on a white background.

## Color Contrast Check

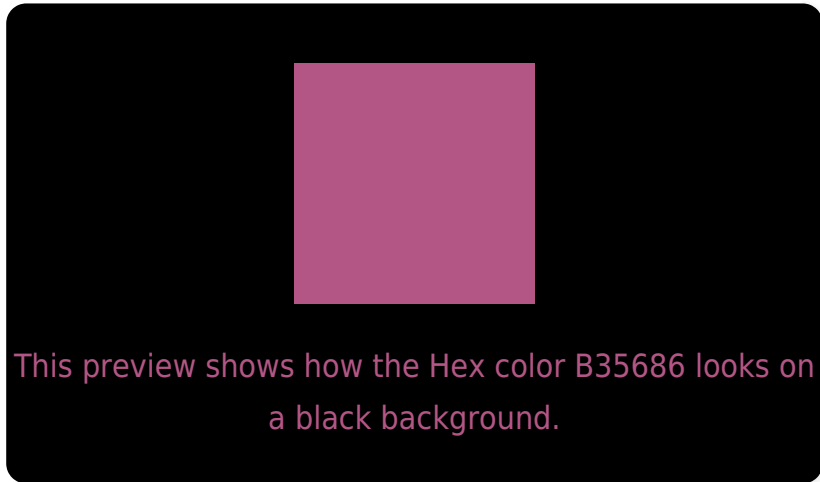
Large Text (above 18pt) WCAG AA ✓ Pass

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

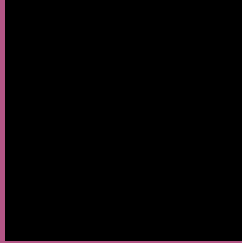
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B35686 Background



This preview shows how black text looks on a background with the Hex color B35686.



This preview shows how white text looks on a background with the Hex color B35686.

# 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**  
B35686

**Protanopia**  
6C759B

**Deuteranopia**  
7C7381



**Tritanopia**  
B05D64

# Trichromacy



**Original Color**  
B35686

**Protanomaly**  
866A93

**Deuteranomaly**  
906883

**Tritanomaly**  
B15A70

# Monochromacy



**Original Color**  
B35686

**Achromatopsia**  
777777

**Achromatomaly**  
8D6B7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B35686 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 #B35686 looks like.

```
.text, #text, p{  
    color:#B35686  
}
```

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 #B35686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35686
}
```

## Border

The CSS property to change the border of an element to Hex B35686 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
#B35686 }
```

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

```
.border{ border-color:#B35686 }
```

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

Here you see how a box with a 4 pixel #B35686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35686; -webkit-box-shadow:4px 4px  
4px 4px #B35686; box-shadow:4px 4px 4px  
4px #B35686 }
```

# Background

The CSS property to change the background color of an element to Hex B35686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35686 }
```

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

```
.background{ background-color:#B35686 }
```

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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