

# Converting Colors

Hex(B05387)

Have a look what the booklet for  
Hex(B05387) contains.

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# Color

**Hex(B05387)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B05387</a>
RGB	<a href="#">176, 83, 135</a>
RGB Percent	<a href="#">69%, 33%, 53%</a>
CMY	<a href="#">0.3098, 0.6745, 0.4706</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.53, 0.23, 0.31</a>
HSL	<a href="#">326°, 37%, 51%</a>
HSV	<a href="#">326°, 53%, 69%</a>
XYZ	<a href="#">25.3709, 17.1659, 24.8978</a>
YIQ	<a href="#">116.7350, 38.7360, 35.8880</a>

# Conversions

## Conversions Part 2

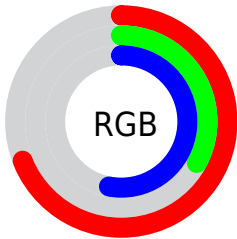
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 83, 135
Decimal	11555719
CIE <sub>Lab</sub>	48.47, 44.05, -11.15
CIE <sub>LCh</sub>	48, 45.444, 345.799
Yxy	17.1659, 0.3762, 0.2546
Android (android.graphics.Color)	4289745799 (0xFFB05387)
YUV	116.7350, 9.0046, 51.9754
Hunter-Lab	41.4317, 36.7998, -6.6273

# Details

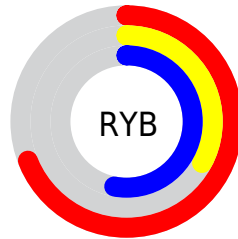
The Hex color **B05387** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **53B07C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **EA88BC**, and **791E55** is the 20% darker color. If you saturate the color by 10%, you get **B0417F**, and if you desaturate by 10%, it is **B0658F**.

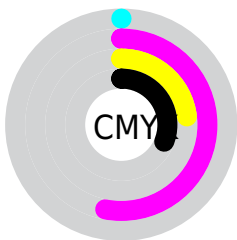
# Distribution



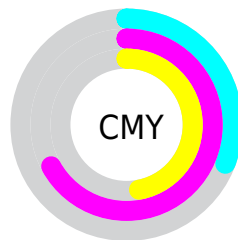
- Red (69%)
- Green (33%)
- Blue (53%)



- Red (69%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (53%)
- Yellow (23%)
- Black (31%)



- Cyan (31%)
- Magenta (67%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B05387 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 B05387 by changing the saturation by 10% instead.



 B05387

 B05387

FFFFFF

 94396E

 EA88BC

 791E55

 FFA3D8

 5E003E

 FFBFF4

 440028

 FFDBFF

 2D0014

 FFF8FF

 000000

 B05387

 B05387

 B0417F

 B0658F


 B03077

 B07697

 B01E70

 B0889E

 B00D68

 B099A6

 B00062

 B0ABAE

 B0BDB6

 B0CEBD

 B0E0C5

 B0F1CD

# Harmonies

## Analogous

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



8F60A9



B05387



BA5160

# Triad

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



B05387



757723



0083A9

# Complementary

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



B05387



53B07C

# 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.



008687



B05387



49803B

# Square

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



B05387



976B25



00855F



007CBD

# Rectangle

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



B05387



B55748



00855F



00859F



# Sweetspot

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



B05387



E6C1D5



7B53B0



735D69



F2F2F2



737373



# Same Dimension

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



B05387



E655A6



B05359



595055



990056



1A000E



# Inverse Universe

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



B05387



E655A6



53B0AA



595055



990056



1A000E



# Previews

## White Background



This preview shows how the Hex color B05387 looks on a white background.

## Color Contrast Check

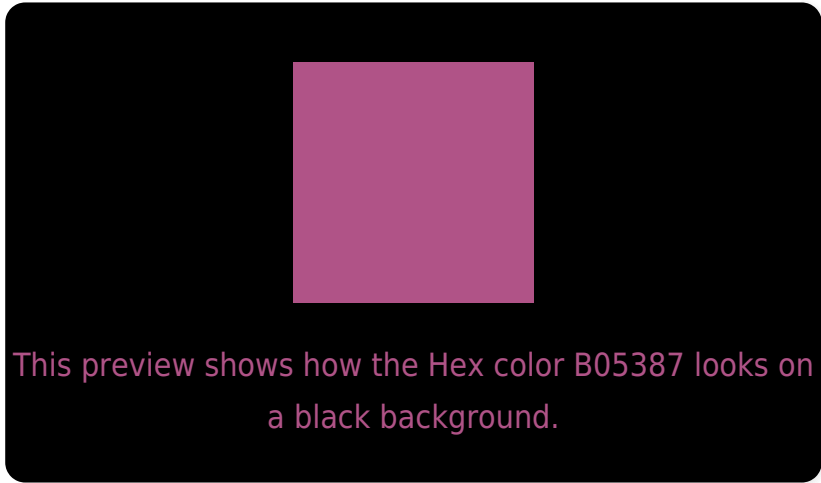
Large Text (above 18pt) WCAG AA ✓ Pass

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 B05387 Background



This preview shows how black text looks on a background with the Hex color B05387.

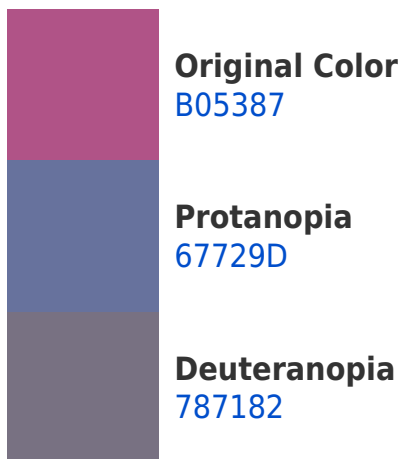


This preview shows how white text looks on a background with the Hex color B05387.

# Color Blindness Simulation

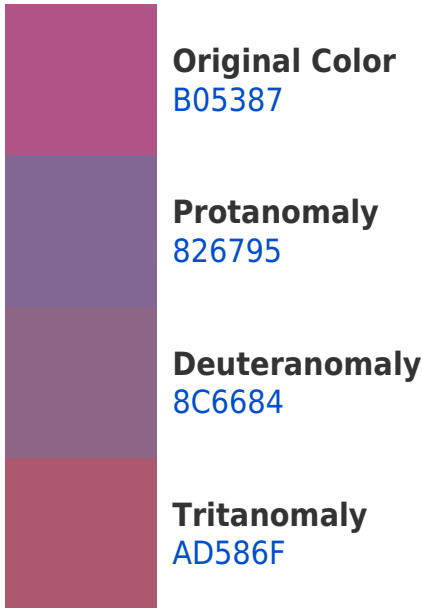
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B05387 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 #B05387 looks like.

```
.text, #text, p{  
    color:#B05387  
}
```

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 #B05387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05387
}
```

## Border

The CSS property to change the border of an element to Hex B05387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

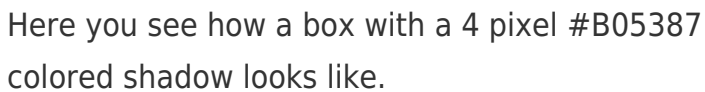
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B05387 }
```

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

```
.border{ border-color:#B05387 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border. The shadow is a darker purple, 4 pixels wide and 4 pixels high, offset to the bottom-right of the box.

Here you see how a box with a 4 pixel #B05387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05387; -webkit-box-shadow:4px 4px  
4px 4px #B05387; box-shadow:4px 4px 4px  
4px #B05387 }
```

# Background

The CSS property to change the background color of an element to Hex B05387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05387 }
```

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

```
.background{ background-color:#B05387 }
```

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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