

# Converting Colors

Hex(6B55BE)

Have a look what the booklet for  
Hex(6B55BE) contains.

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# Color

**Hex(6B55BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B55BE
RGB	107, 85, 190
RGB Percent	42%, 33%, 75%
CMY	0.5804, 0.6667, 0.2549
CMYK	0.44, 0.55, 0.00, 0.25
HSL	253°, 45%, 54%
HSV	253°, 55%, 75%
XYZ	18.6062, 13.3405, 50.3095
YIQ	103.5480, -20.5930, 37.3190

# Conversions

## Conversions Part 2

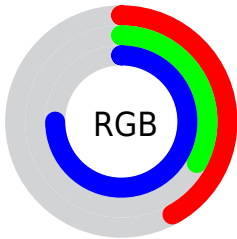
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 85, 190</a>
Decimal	<a href="#">7034302</a>
CIELab	<a href="#">43.27, 34.84, -52.43</a>
CIElCh	<a href="#">43, 62.945, 303.605</a>
Yxy	<a href="#">13.3405, 0.2262, 0.1622</a>
Android (android.graphics.Color)	<a href="#">4285224382</a> ( <a href="#">0xFF6B55BE</a> )
YUV	<a href="#">103.5480, 42.6208, 3.0274</a>
Hunter-Lab	<a href="#">36.5247, 27.0122, -56.0995</a>

# Details

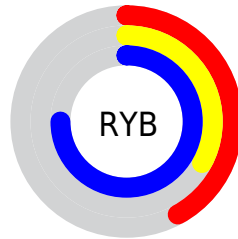
The Hex color **6B55BE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A8BE55**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A387F7**, and **322788** is the 20% darker color. If you saturate the color by 10%, you get **5C42BE**, and if you desaturate by 10%, it is **7A68BE**.

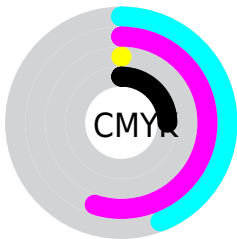
# Distribution



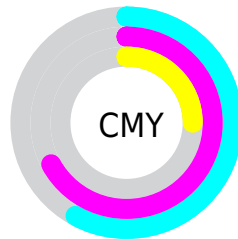
- Red (42%)
- Green (33%)
- Blue (75%)



- Red (42%)
- Yellow (33%)
- Blue (75%)



- Cyan (44%)
- Magenta (55%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (67%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B55BE 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 6B55BE by changing the saturation by 10% instead.



 6B55BE

 6B55BE

FFFFFF

 4F3DA2

 A387F7

 322788

 BFA2FF

 0E116E

 DDBDFF

 000055

 FAD9FF

 00013D

 FFF6FF

 000226

 00010F

 000000

 6B55BE

 6B55BE

■ 5C42BE

■ 7A68BE

■ 4D2FBE

■ 897BBE

■ 3E1CBE

■ 988EBE

■ 2F09BE

■ A7A1BE

■ 2800BE

■ B6B4BE

■ C5C7BE

■ D4DABE

■ E3EDBE

■ F2FFBE

# Harmonies

## Analogous

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



006BCF



6B55BE



A83896

# Triad

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



6B55BE



A05100



007D6B

# Complementary

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



6B55BE



A8BE55

# 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.



007A34



6B55BE



776600

# Square

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



6B55BE



BA3630



407300



007C9F

# Rectangle

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



6B55BE



BB2774



407300



007C59



# Sweetspot

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



6B55BE



D6CDF7



55A9BE



69647D



FCFCFC



7D7D7D



# Same Dimension

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



6B55BE



7654F7



9F55BE



57555E



21009E



06001F



# Inverse Universe

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



BE55A8



F754D5



75BE55



5E555C



9E007D



1F0018



# Previews

## White Background



This preview shows how the Hex color 6B55BE 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

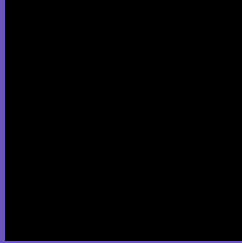
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B55BE Background



This preview shows how black text looks on a background with the Hex color 6B55BE.



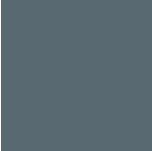
This preview shows how white text looks on a background with the Hex color 6B55BE.

# 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](#).

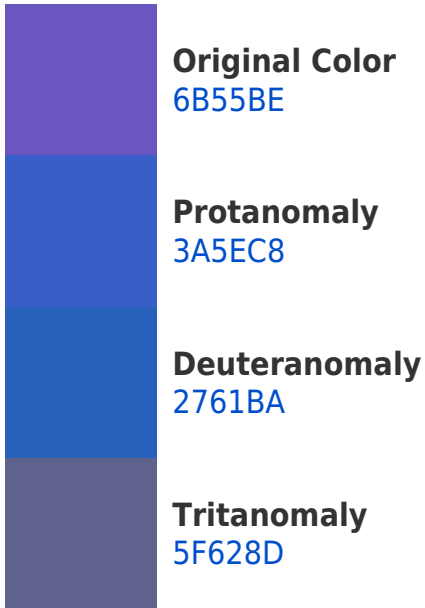
## Dichromacy



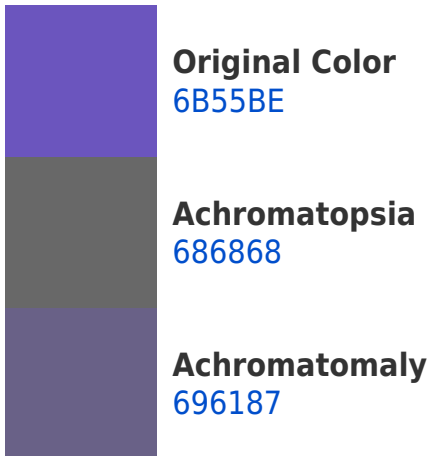


**Tritanopia**  
586971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B55BE 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 #6B55BE looks like.

```
.text, #text, p{  
    color:#6B55BE  
}
```

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 #6B55BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B55BE
}
```

## Border

The CSS property to change the border of an element to Hex 6B55BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

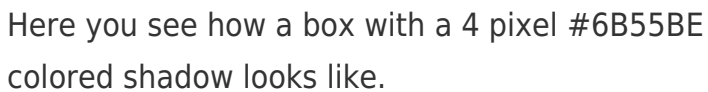
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B55BE }
```

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

```
.border{ border-color:#6B55BE }
```

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 and a purple shadow that is 4 pixels wide and 4 pixels high. The shadow is positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #6B55BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B55BE; -webkit-box-shadow:4px 4px  
4px 4px #6B55BE; box-shadow:4px 4px 4px  
4px #6B55BE }
```

# Background

The CSS property to change the background color of an element to Hex 6B55BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B55BE }
```

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

```
.background{ background-color:#6B55BE }
```

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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