

# Converting Colors

Hex(6B55B3)

Have a look what the booklet for  
Hex(6B55B3) contains.

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# Color

**Hex(6B55B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B55B3
RGB	107, 85, 179
RGB Percent	42%, 33%, 70%
CMY	0.5804, 0.6667, 0.2980
CMYK	0.40, 0.53, 0.00, 0.30
HSL	254°, 38%, 52%
HSV	254°, 53%, 70%
XYZ	17.4486, 12.8775, 44.2138
YIQ	102.2940, -17.0620, 33.8980

# Conversions

## Conversions Part 2

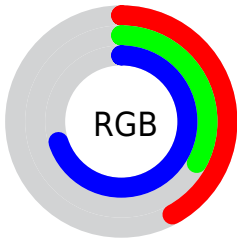
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 85, 179
Decimal	7034291
CIE <sub>Lab</sub>	42.58, 31.68, -47.11
CIE <sub>LCh</sub>	43, 56.767, 303.920
Yxy	12.8775, 0.2341, 0.1728
Android (android.graphics.Color)	4285224371 (0xFF6B55B3)
YUV	102.2940, 37.8161, 4.1272
Hunter-Lab	35.8852, 23.9936, -47.9310

# Details

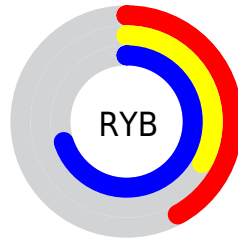
The Hex color **6B55B3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9DB355**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A287EB**, and **35277D** is the 20% darker color. If you saturate the color by 10%, you get **5D43B3**, and if you desaturate by 10%, it is **7967B3**.

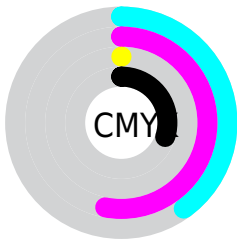
# Distribution



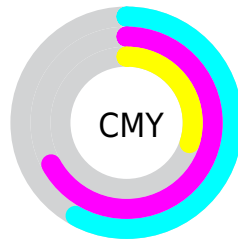
- Red (42%)
- Green (33%)
- Blue (70%)



- Red (42%)
- Yellow (33%)
- Blue (70%)



- Cyan (40%)
- Magenta (53%)
- Yellow (0%)
- Black (30%)



- Cyan (58%)
- Magenta (67%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B55B3 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 6B55B3 by changing the saturation by 10% instead.



 6B55B3

 6B55B3

FFFFFF

 503D98

 A287EB

 35277D

 BEA2FF

 161164

 DBBDFF

 00004B

 F8D9FF

 000434

 FFF5FF

 00021E

 000000

 6B55B3

 6B55B3

 5D43B3

 7967B3

5031B3

8679B3

421FB3

948BB3

340DB3

A29DB3

2A00B3

B0AEB3

BDC0B3

CBD2B3

D9E4B3

E6F6B3

# Harmonies

## Analogous

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



0068C3



6B55B3



A13D8F

# Triad

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



6B55B3



995203



00796A

# Complementary

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



6B55B3



9DB355

# 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.



007739



6B55B3



746500

# Square

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



6B55B3



B13C33



437003



007998

# Rectangle

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



6B55B3



B23170



437003



007959



# Sweetspot

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



6B55B3



CCC3E8



559DB3



645F75



F5F5F5



757575



# Same Dimension

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



6B55B3



7856E8



9A55B3



525059



240099



06001A



# Inverse Universe

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



B3559D



E856C6



6EB355



595057



990075



1A0014



# Previews

## White Background



This preview shows how the Hex color 6B55B3 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 6B55B3 Background



This preview shows how black text looks on a background with the Hex color 6B55B3.

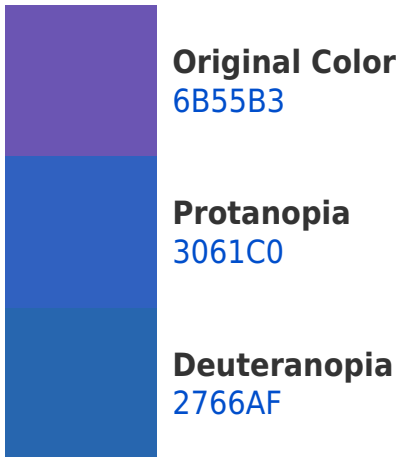


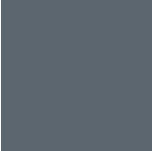
This preview shows how white text looks on a background with the Hex color 6B55B3.

# 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](#).

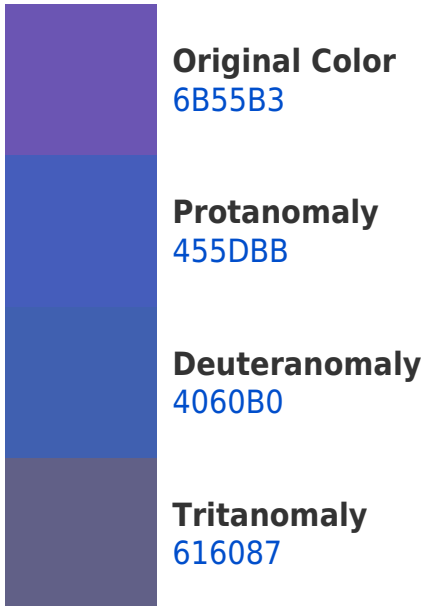
## Dichromacy





**Tritanopia**  
5B666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B55B3 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 #6B55B3 looks like.

```
.text, #text, p{  
    color:#6B55B3  
}
```

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 #6B55B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B55B3
}
```

## Border

The CSS property to change the border of an element to Hex 6B55B3 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
#6B55B3 }
```

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

```
.border{ border-color:#6B55B3 }
```

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

Here you see how a box with a 4 pixel #6B55B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B55B3; -webkit-box-shadow:4px 4px  
4px 4px #6B55B3; box-shadow:4px 4px 4px  
4px #6B55B3 }
```

# Background

The CSS property to change the background color of an element to Hex 6B55B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B55B3 }
```

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

```
.background{ background-color:#6B55B3 }
```

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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