

# Converting Colors

Hex(6D56AB)

Have a look what the booklet for  
Hex(6D56AB) contains.

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# Color

**Hex(6D56AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D56AB
RGB	109, 86, 171
RGB Percent	43%, 34%, 67%
CMY	0.5725, 0.6627, 0.3294
CMYK	0.36, 0.50, 0.00, 0.33
HSL	256°, 34%, 50%
HSV	256°, 50%, 67%
XYZ	16.9851, 12.8471, 40.1126
YIQ	102.5670, -13.5770, 31.3110

# Conversions

## Conversions Part 2

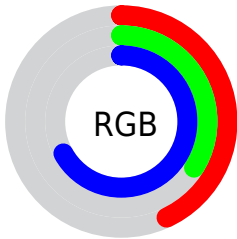
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 86, 171
Decimal	7165611
CIE <sub>Lab</sub>	42.53, 29.34, -42.46
CIE <sub>LCh</sub>	43, 51.607, 304.645
Yxy	12.8471, 0.2428, 0.1837
Android (android.graphics.Color)	4285355691 (0xFF6D56AB)
YUV	102.5670, 33.7375, 5.6417
Hunter-Lab	35.8428, 21.8625, -41.2630

# Details

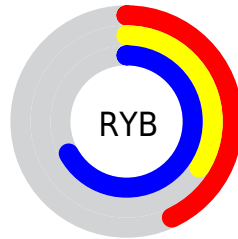
The Hex color **6D56AB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **94AB56**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A388E3**, and **382876** is the 20% darker color. If you saturate the color by 10%, you get **6145AB**, and if you desaturate by 10%, it is **7967AB**.

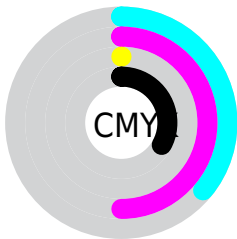
# Distribution



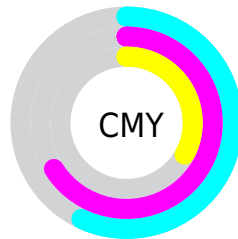
- Red (43%)
- Green (34%)
- Blue (67%)



- Red (43%)
- Yellow (34%)
- Blue (67%)



- Cyan (36%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)



- Cyan (57%)
- Magenta (66%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D56AB 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 6D56AB by changing the saturation by 10% instead.



 6D56AB

 6D56AB

FFFFFF

 533E90

 A388E3

 382876

 BFA3FF

 1D125D

 DCBEFF

 000045

 F9DAFF

 00032E

 FFF6FF

 000118

 000000

 6D56AB

 6D56AB

 6145AB

 7967AB

5434AB

8678AB

4823AB

9289AB

3B12AB

9F9AAB

2F01AB

ABABAB

2E00AB

B8BDAB

C4CEAB

D1DFAB

DDF0AB

# Harmonies

## Analogous

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



0067BA



6D56AB



9C428A

# Triad

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



6D56AB



955411



00786A

# Complementary

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



6D56AB



94AB56

# 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.



00763E



6D56AB



736500

# Square

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



6D56AB



AB4236



466F14



007794

# Rectangle

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



6D56AB



AC396E



466F14



00785B



# Sweetspot

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



6D56AB



C6BDDE



5694AB



615C70



F0F0F0



707070



# Same Dimension

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



6D56AB



7D59DE



9756AB



504E57



290096



060017



# Inverse Universe

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



AB5694



DE59BA



6AAB56



574E54



96006E

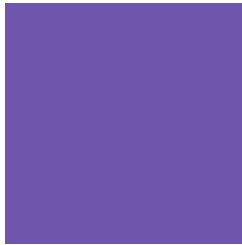


170011



# Previews

## White Background



This preview shows how the Hex color 6D56AB looks on a white background.

## Color Contrast Check

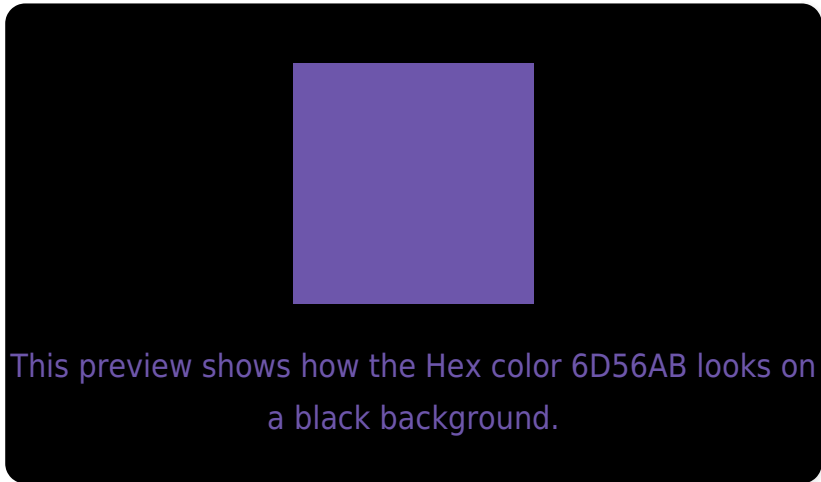
Large Text (above 18pt) WCAG AA ✓ Pass

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

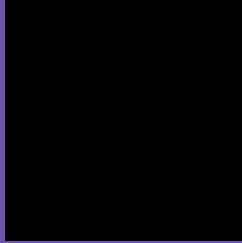
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D56AB Background



This preview shows how black text looks on a background with the Hex color 6D56AB.



This preview shows how white text looks on a background with the Hex color 6D56AB.

# 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**  
6D56AB

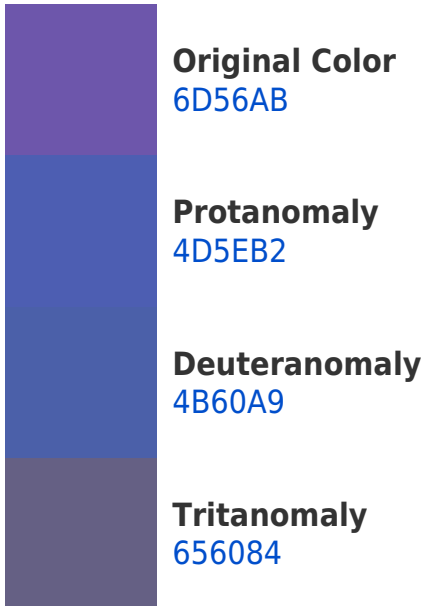
**Protanopia**  
3B62B6

**Deuteranopia**  
3765A8

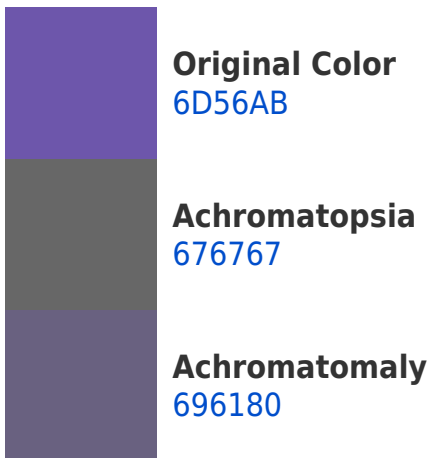


**Tritanopia**  
60656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D56AB 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 #6D56AB looks like.

```
.text, #text, p{  
    color:#6D56AB  
}
```

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 #6D56AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D56AB
}
```

## Border

The CSS property to change the border of an element to Hex 6D56AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

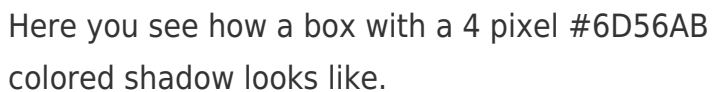
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D56AB }
```

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

```
.border{ border-color:#6D56AB }
```

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



Here you see how a box with a 4 pixel #6D56AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D56AB; -webkit-box-shadow:4px 4px  
4px 4px #6D56AB; box-shadow:4px 4px 4px  
4px #6D56AB }
```

# Background

The CSS property to change the background color of an element to Hex 6D56AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D56AB }
```

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

```
.background{ background-color:#6D56AB }
```

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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