

# Converting Colors

Hex(6F5182)

Have a look what the booklet for  
Hex(6F5182) contains.

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# Color

**Hex(6F5182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F5182
RGB	111, 81, 130
RGB Percent	44%, 32%, 51%
CMY	0.5647, 0.6824, 0.4902
CMYK	0.15, 0.38, 0.00, 0.49
HSL	277°, 23%, 41%
HSV	277°, 38%, 51%
XYZ	13.5272, 10.8761, 22.5054
YIQ	95.5560, 2.1510, 21.5990

# Conversions

## Conversions Part 2

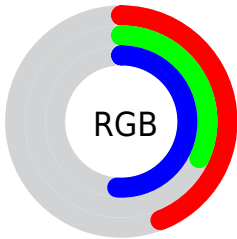
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	111, 81, 130
Decimal	7295362
CIE Lab	39.37, 22.38, -22.78
CIE LCh	39, 31.940, 314.493
Yxy	10.8761, 0.2884, 0.2319
Android (android.graphics.Color)	4285485442 (0xFF6F5182)
YUV	95.5560, 16.9809, 13.5444
Hunter-Lab	32.9789, 15.5038, -17.3754

# Details

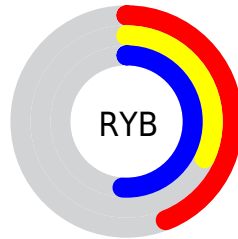
The Hex color **6F5182** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **648251**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **A383B7**, and **3E2350** is the 20% darker color. If you saturate the color by 10%, you get **6A4482**, and if you desaturate by 10%, it is **745E82**.

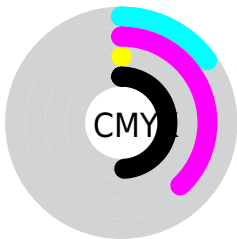
# Distribution



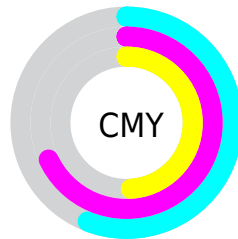
- Red (44%)
- Green (32%)
- Blue (51%)



- Red (44%)
- Yellow (32%)
- Blue (51%)



- Cyan (15%)
- Magenta (38%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (68%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F5182 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 6F5182 by changing the saturation by 10% instead.



6F5182

6F5182

FFFFFF

563A69

A383B7

3E2350

BF9DD3

270E39

DBB8EF

150024

F8D4FF

00000B

FFF0FF

000000

6F5182

6F5182

6A4482

745E82

653782

796B82

602A82

7E7882

5B1D82

838582

561082

889282

510382

8D9F82

500082

92AC82

97B982

9CC682

# Harmonies

## Analogous

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



485B8F



6F5182



86496B

# Triad

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



6F5182



78572A



006A69

# Complementary

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



6F5182



648251

# 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.



19694E



6F5182



605F28

# Square

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



6F5182



884D39



436636



006880

# Rectangle

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



6F5182



8D475A



436636



006A60



# Sweetspot

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



6F5182



A196A8



516582



504954



D4D4D4



545454



# Same Dimension

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



6F5182



8B5DA8



82517D



3D3940



4E0080



000000



# Inverse Universe

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



825164



A85D7A



518256



40393C



800031



000000



# Previews

## White Background



This preview shows how the Hex color 6F5182 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

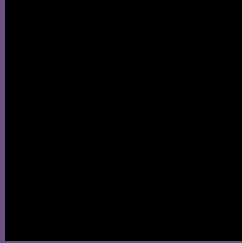
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F5182 Background



This preview shows how black text looks on a background with the Hex color 6F5182.

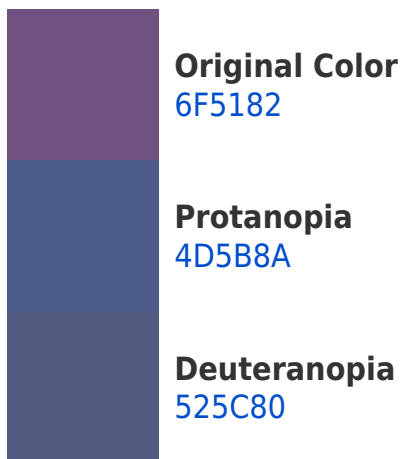


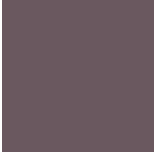
This preview shows how white text looks on a background with the Hex color 6F5182.

# 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**  
6A585F

# Trichromacy



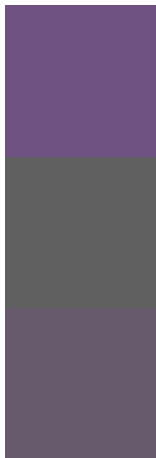
**Original Color**  
6F5182

**Protanomaly**  
595787

**Deuteranomaly**  
5D5881

**Tritanomaly**  
6C556C

# Monochromacy



**Original Color**  
6F5182

**Achromatopsia**  
606060

**Achromatomaly**  
655B6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F5182 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 #6F5182 looks like.

```
.text, #text, p{  
    color:#6F5182  
}
```

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 #6F5182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F5182
}
```

## Border

The CSS property to change the border of an element to Hex 6F5182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

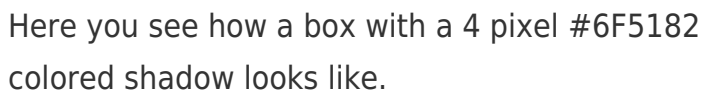
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F5182 }
```

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

```
.border{ border-color:#6F5182 }
```

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



Here you see how a box with a 4 pixel #6F5182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F5182; -webkit-box-shadow:4px 4px  
4px 4px #6F5182; box-shadow:4px 4px 4px  
4px #6F5182 }
```

# Background

The CSS property to change the background color of an element to Hex 6F5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F5182 }
```

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

```
.background{ background-color:#6F5182 }
```

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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