

# Converting Colors

Hex(6F5295)

Have a look what the booklet for  
Hex(6F5295) contains.

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# Color

**Hex(6F5295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F5295
RGB	111, 82, 149
RGB Percent	44%, 32%, 58%
CMY	0.5647, 0.6784, 0.4157
CMYK	0.26, 0.45, 0.00, 0.42
HSL	266°, 29%, 45%
HSV	266°, 45%, 58%
XYZ	14.9977, 11.5840, 29.8792
YIQ	98.3090, -4.2230, 26.9850

# Conversions

## Conversions Part 2

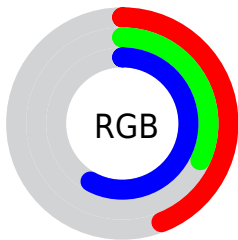
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	111, 82, 149
Decimal	7295637
CIE Lab	40.55, 26.45, -32.47
CIE LCh	41, 41.881, 309.164
Yxy	11.5840, 0.2656, 0.2052
Android (android.graphics.Color)	4285485717 (0xFF6F5295)
YUV	98.3090, 24.9907, 11.1300
Hunter-Lab	34.0353, 19.0942, -28.2254

# Details

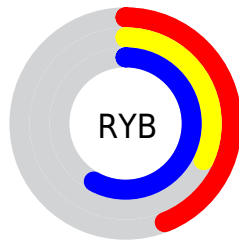
The Hex color **6F5295** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **789552**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A484CB**, and **3D2462** is the 20% darker color. If you saturate the color by 10%, you get **674395**, and if you desaturate by 10%, it is **776195**.

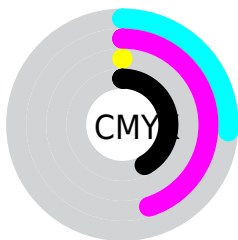
# Distribution



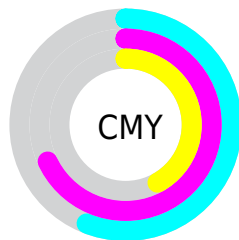
- Red (44%)
- Green (32%)
- Blue (58%)



- Red (44%)
- Yellow (32%)
- Blue (58%)



- Cyan (26%)
- Magenta (45%)
- Yellow (0%)
- Black (42%)



- Cyan (56%)
- Magenta (68%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F5295 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 6F5295 by changing the saturation by 10% instead.



6F5295

6F5295

FFFFFF

563A7B

A484CB

3D2462

C09EE8

240F4A

DCB9FF

130033

F9D5FF

00021D

FFF2FF

000000

6F5295

6F5295

674395

776195

5E3495

807095

■ 562595

■ 887F95

■ 4D1695

■ 918E95

■ 450795

■ 999D95

■ 400095

■ A2AB95

■ AABA95

■ B3C995

■ BBD895

# Harmonies

## Analogous

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



2E60A3



6F5295



914479

# Triad

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



6F5295



85551D



007069

# Complementary

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



6F5295



789552

# 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.



006E46



6F5295



686115

# Square

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



6F5295



994836



436A27



006F8A

# Rectangle

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



6F5295



9C4062



436A27



00705D



# Sweetspot

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



6F5295



B4A9C2



527995



585161



E0E0E0



616161



# Same Dimension

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



6F5295



8659C2



8F5295



46434A



3C008A



04000A



# Inverse Universe

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



955278



C25995



589552



4A4347



8A004E

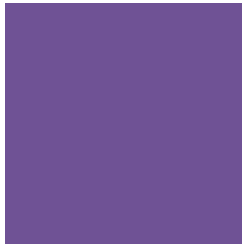


0A0006



# Previews

## White Background



This preview shows how the Hex color 6F5295 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

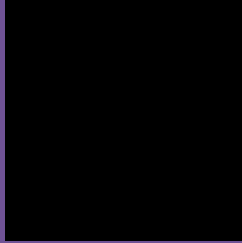
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F5295 Background



This preview shows how black text looks on a background with the Hex color 6F5295.



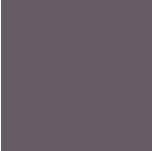
This preview shows how white text looks on a background with the Hex color 6F5295.

# 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**  
665D64

# Trichromacy



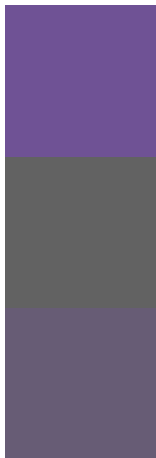
**Original Color**  
6F5295

**Protanomaly**  
545A9B

**Deuteranomaly**  
565A93

**Tritanomaly**  
695976

# Monochromacy



**Original Color**  
6F5295

**Achromatopsia**  
626262

**Achromatomaly**  
675C75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F5295 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 #6F5295 looks like.

```
.text, #text, p{  
    color:#6F5295  
}
```

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 #6F5295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F5295
}
```

## Border

The CSS property to change the border of an element to Hex 6F5295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

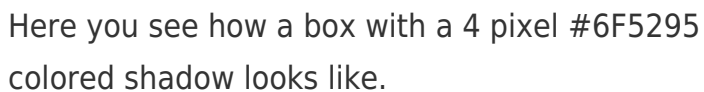
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F5295 }
```

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

```
.border{ border-color:#6F5295 }
```

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



Here you see how a box with a 4 pixel #6F5295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F5295; -webkit-box-shadow:4px 4px  
4px 4px #6F5295; box-shadow:4px 4px 4px  
4px #6F5295 }
```

# Background

The CSS property to change the background color of an element to Hex 6F5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F5295 }
```

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

```
.background{ background-color:#6F5295 }
```

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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