

# Converting Colors

Hex(6F4278)

Have a look what the booklet for  
Hex(6F4278) contains.

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# Color

**Hex(6F4278)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F4278
RGB	111, 66, 120
RGB Percent	44%, 26%, 47%
CMY	0.5647, 0.7412, 0.5294
CMYK	0.07, 0.45, 0.00, 0.53
HSL	290°, 29%, 36%
HSV	290°, 45%, 47%
XYZ	11.8939, 8.6320, 18.8086
YIQ	85.6110, 9.4860, 26.3340

# Conversions

## Conversions Part 2

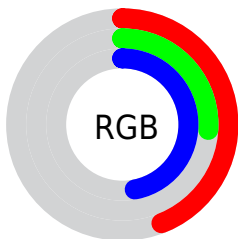
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 66, 120
Decimal	7291512
CIE <sub>Lab</sub>	35.27, 29.12, -23.00
CIE <sub>LCh</sub>	35, 37.103, 321.700
Yxy	8.6320, 0.3024, 0.2195
Android (android.graphics.Color)	4285481592 (0xFF6F4278)
YUV	85.6110, 16.9538, 22.2662
Hunter-Lab	29.3803, 20.8461, -17.3899

# Details

The Hex color **6F4278** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B7842**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A473AD**, and **3E1447** is the 20% darker color. If you saturate the color by 10%, you get **6D3678**, and if you desaturate by 10%, it is **714E78**.

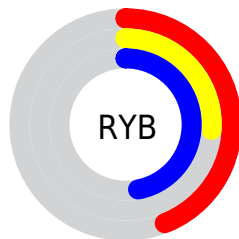
# Distribution



Red (44%)

Green (26%)

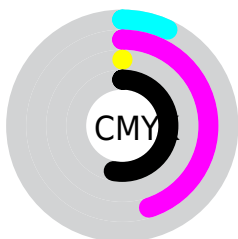
Blue (47%)



Red (44%)

Yellow (26%)

Blue (47%)

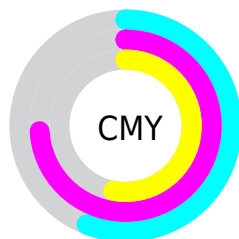


Cyan (7%)

Magenta (45%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (74%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F4278 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 6F4278 by changing the saturation by 10% instead.





6F4278



6F4278

FFFFFF



562B5F



A473AD



3E1447



BF8DC8



270030



DBA8E4



06001B



F8C3FF



000000



FFDFFF



FFFCFF



6F4278



6F4278



6D3678



714E78

6B2A78

735A78

691E78

756678

671278

777278

650678

797E78

640078

7B8A78

7D9678

7FA278

81AE78

# Harmonies

## Analogous

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



454E8A



6F4278



85395C

# Triad

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



6F4278



6A4F14



006168

# Complementary

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



6F4278



4B7842

# 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.



006149



6F4278



4E5817

# Square

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



6F4278



7F4325



295E2C



005F81

# Rectangle

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



6F4278



893848



295E2C



00615E



# Sweetspot

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



6F4278



98869C



424B78



4D424F



CFCFCF



4F4F4F



# Same Dimension

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



6F4278



8E489C



784266



3C373D



68007D



D200FC



# Inverse Universe

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



78424B



9C4856



427854



3D3738



7D0015

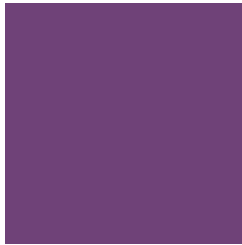


FC002A



# Previews

## White Background



This preview shows how the Hex color 6F4278 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

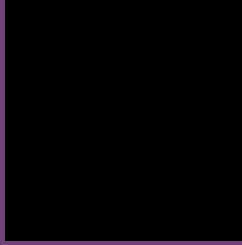
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F4278 Background



This preview shows how black text looks on a background with the Hex color 6F4278.



This preview shows how white text looks on a background with the Hex color 6F4278.

# 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**  
6A4B51

# Trichromacy



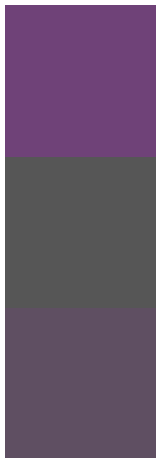
**Original Color**  
6F4278

**Protanomaly**  
514C80

**Deuteranomaly**  
564C76

**Tritanomaly**  
6C485F

# Monochromacy



**Original Color**  
6F4278

**Achromatopsia**  
565656

**Achromatomaly**  
5F4F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F4278 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 #6F4278 looks like.

```
.text, #text, p{  
    color:#6F4278  
}
```

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 #6F4278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F4278
}
```

## Border

The CSS property to change the border of an element to Hex 6F4278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

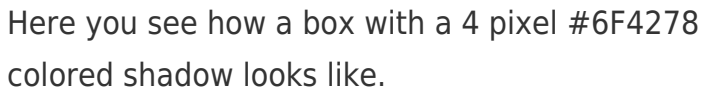
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F4278 }
```

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

```
.border{ border-color:#6F4278 }
```

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



Here you see how a box with a 4 pixel #6F4278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F4278; -webkit-box-shadow:4px 4px  
4px 4px #6F4278; box-shadow:4px 4px 4px  
4px #6F4278 }
```

# Background

The CSS property to change the background color of an element to Hex 6F4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F4278 }
```

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

```
.background{ background-color:#6F4278 }
```

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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