

# Converting Colors

Hex(6F1389)

Have a look what the booklet for  
Hex(6F1389) contains.

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# Color

**Hex(6F1389)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F1389
RGB	111, 19, 137
RGB Percent	44%, 7%, 54%
CMY	0.5647, 0.9255, 0.4627
CMYK	0.19, 0.86, 0.00, 0.46
HSL	287°, 76%, 31%
HSV	287°, 86%, 54%
XYZ	11.3038, 5.6514, 24.1620
YIQ	59.9600, 16.9540, 56.2020

# Conversions

## Conversions Part 2

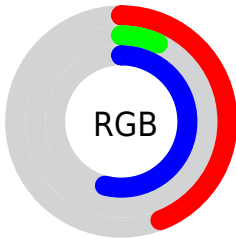
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 19, 137
Decimal	7279497
CIE <sub>Lab</sub>	28.52, 54.01, -44.33
CIE <sub>LCh</sub>	29, 69.874, 320.619
Yxy	5.6514, 0.2749, 0.1374
Android (android.graphics.Color)	4285469577 (0xFF6F1389)
YUV	59.9600, 37.9807, 44.7621
Hunter-Lab	23.7727, 43.2736, -43.6201

# Details

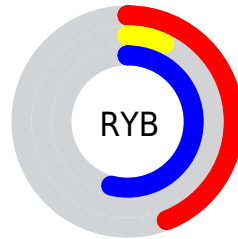
The Hex color **6F1389** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **2D8913**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A64DBF**, and **3A0056** is the 20% darker color. If you saturate the color by 10%, you get **6C0589**, and if you desaturate by 10%, it is **722189**.

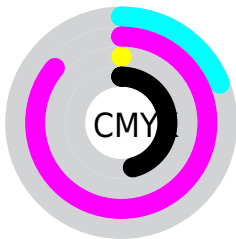
# Distribution



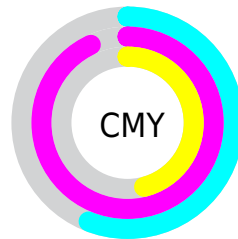
- Red (44%)
- Green (7%)
- Blue (54%)



- Red (44%)
- Yellow (7%)
- Blue (54%)



- Cyan (19%)
- Magenta (86%)
- Yellow (0%)
- Black (46%)



- Cyan (56%)
- Magenta (93%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F1389 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 6F1389 by changing the saturation by 10% instead.



 6F1389

 6F1389

FFFFFF

 54006F

 A64DBF

 3A0056

 C368DB

 22003E

 E082F8

 000027

 FD9EFF

 000110

 FFBAFF

 000000

 FFD6FF

 FFF3FF

 6F1389

 6F1389

■ 6C0589

■ 722189

■ 6B0089

■ 752E89

■ 783C89

■ 7B4A89

■ 7E5889

■ 816589

■ 847389

■ 878189

■ 8A8E89

# Harmonies

## Analogous

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



003EAB



6F1389



960057

# Triad

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



6F1389



613B00



005868

# Complementary

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



6F1389



2D8913

# 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.



005630



6F1389



2F4C00

# Square

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



6F1389



861800



005300



005797

# Rectangle

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



6F1389



9C0033



005300



005756



# Sweetspot

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



6F1389



A884B3



132F89



533E59



D9D9D9



595959



# Same Dimension

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



6F1389



8B00B3



89136A



433E45



670085



040005



# Inverse Universe

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



89132D



B30027



138932



453E3F



85001D

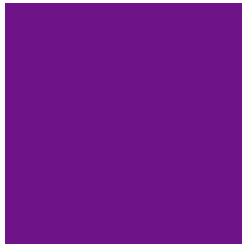


050001



# Previews

## White Background



This preview shows how the Hex color 6F1389 looks on a white background.

## Color Contrast Check

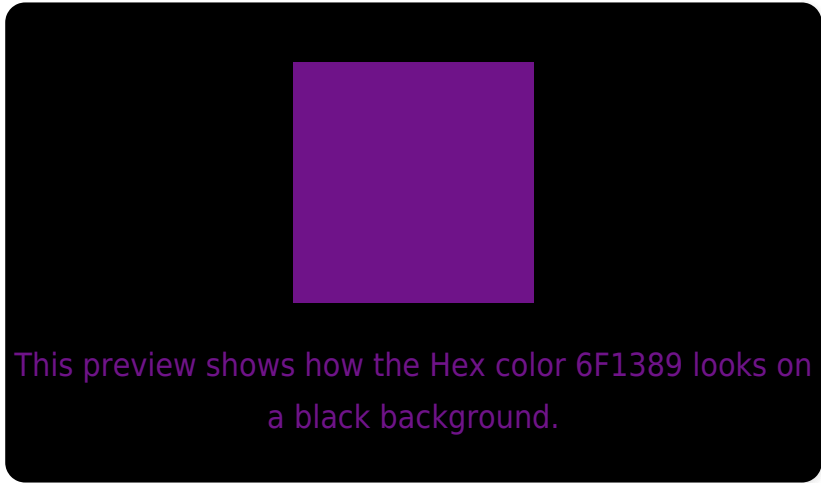
Large Text (above 18pt) WCAG AA ✓ Pass

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

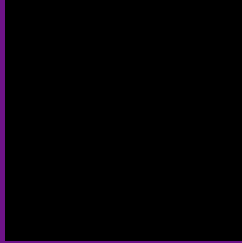
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F1389 Background



This preview shows how black text looks on a background with the Hex color 6F1389.



This preview shows how white text looks on a background with the Hex color 6F1389.

# 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**  
6F1389

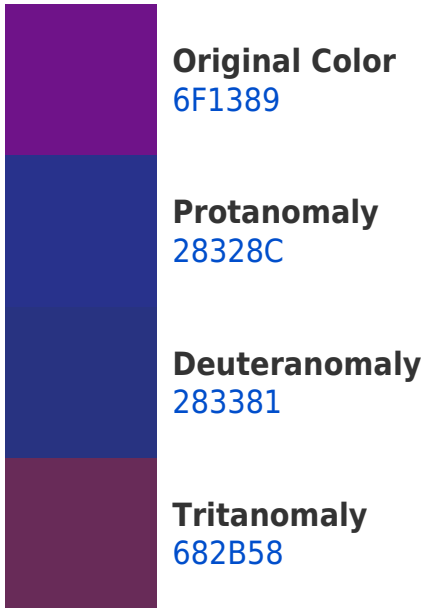
**Protanopia**  
00438D

**Deuteranopia**  
00467C



**Tritanopia**  
64383C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F1389 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 #6F1389 looks like.

```
.text, #text, p{  
    color:#6F1389  
}
```

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 #6F1389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F1389
}
```

## Border

The CSS property to change the border of an element to Hex 6F1389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

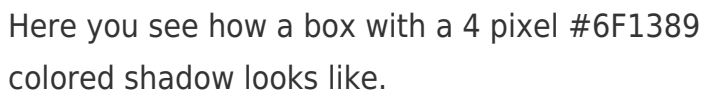
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F1389 }
```

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

```
.border{ border-color:#6F1389 }
```

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



Here you see how a box with a 4 pixel #6F1389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F1389; -webkit-box-shadow:4px 4px  
4px 4px #6F1389; box-shadow:4px 4px 4px  
4px #6F1389 }
```

# Background

The CSS property to change the background color of an element to Hex 6F1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F1389 }
```

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

```
.background{ background-color:#6F1389 }
```

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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