

# Converting Colors

Hex(6F268E)

Have a look what the booklet for  
Hex(6F268E) contains.

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# Color

**Hex(6F268E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F268E
RGB	111, 38, 142
RGB Percent	44%, 15%, 56%
CMY	0.5647, 0.8510, 0.4431
CMYK	0.22, 0.73, 0.00, 0.44
HSL	282°, 58%, 35%
HSV	282°, 73%, 56%
XYZ	12.1311, 6.7187, 26.2486
YIQ	71.6830, 10.1240, 47.8200

# Conversions

## Conversions Part 2

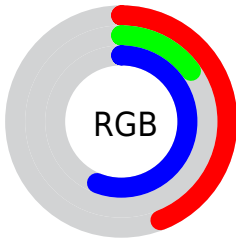
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 38, 142
Decimal	7284366
CIE <sub>Lab</sub>	31.16, 48.48, -43.17
CIE <sub>LCh</sub>	31, 64.911, 318.316
Yxy	6.7187, 0.2690, 0.1490
Android (android.graphics.Color)	4285474446 (0xFF6F268E)
YUV	71.6830, 34.6663, 34.4810
Hunter-Lab	25.9205, 38.1795, -41.8962

# Details

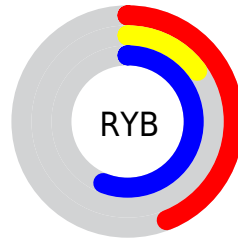
The Hex color **6F268E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **458E26**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A65AC4**, and **3A005B** is the 20% darker color. If you saturate the color by 10%, you get **6B188E**, and if you desaturate by 10%, it is **73348E**.

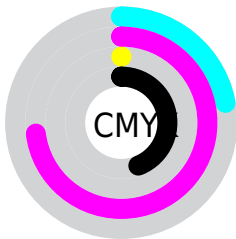
# Distribution



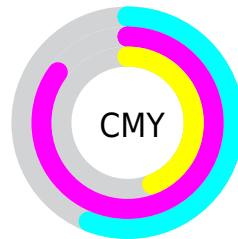
- Red (44%)
- Green (15%)
- Blue (56%)



- Red (44%)
- Yellow (15%)
- Blue (56%)



- Cyan (22%)
- Magenta (73%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (85%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F268E 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 6F268E by changing the saturation by 10% instead.



6F268E

6F268E

FFFFFF

540674

A65AC4

3A005B

C274E1

230043

DF8FFE

00002C

FCAAFF

000116

FFC6FF

000000

FFE3FF

6F268E

6F268E

6B188E

73348E

670A8E

77428E

64008E

7C518E

805F8E

846D8E

887B8E

8D898E

91988E

95A68E

# Harmonies

## Analogous

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



0045AC



6F268E



97005F

# Triad

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



6F268E



6B4000



005E68

# Complementary

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



6F268E



458E26

# 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.



005C33



6F268E



3D5000

# Square

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



6F268E



8C2200



005900



005C95

# Rectangle

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



6F268E



9E003E



005900



005D57



# Sweetspot

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



6F268E



AC8FB8



26458E



55445C



DBDBDB



5C5C5C



# Same Dimension

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



6F268E



8716B8



8E2679



454047



5F0087



050008



# Inverse Universe

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



8E2645



B81646



268E3B



474042



870028

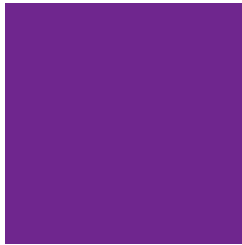


080002



# Previews

## White Background



This preview shows how the Hex color 6F268E looks on a white background.

## Color Contrast Check

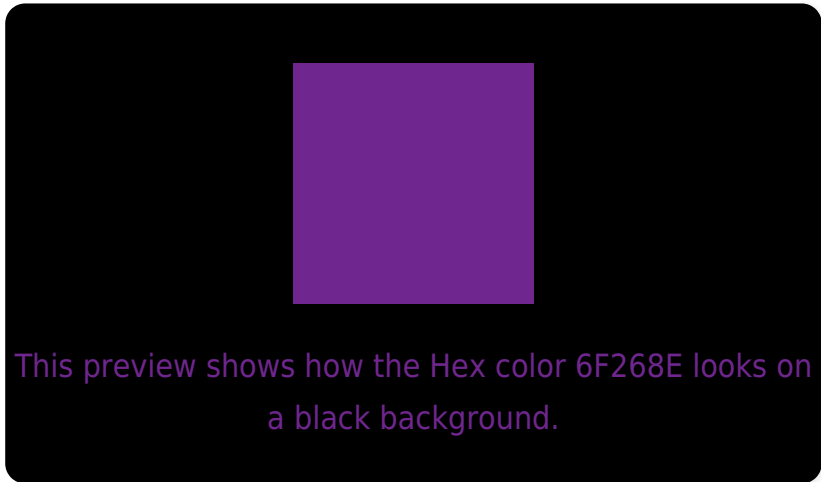
Large Text (above 18pt) WCAG AA ✓ Pass

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

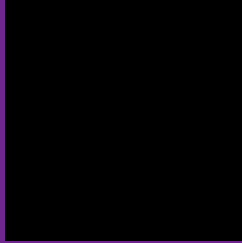
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F268E Background



This preview shows how black text looks on a background with the Hex color 6F268E.

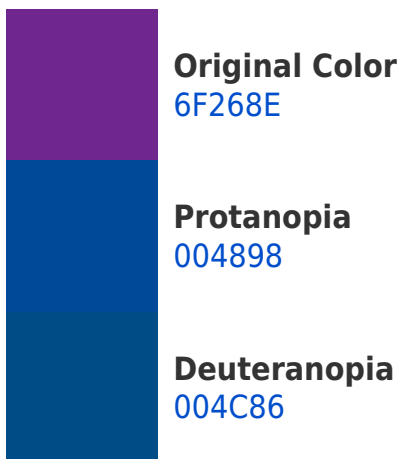


This preview shows how white text looks on a background with the Hex color 6F268E.

# 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**  
644045

# Trichromacy



**Original Color**  
6F268E



**Protanomaly**  
283C94



**Deuteranomaly**  
283E89



**Tritanomaly**  
683760

# Monochromacy



**Original Color**  
6F268E



**Achromatopsia**  
484848



**Achromatomaly**  
563C61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F268E 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 #6F268E looks like.

```
.text, #text, p{  
    color:#6F268E  
}
```

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 #6F268E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F268E
}
```

## Border

The CSS property to change the border of an element to Hex 6F268E is called "border". The border property can be set on classes, ids or directly on the HTML element.

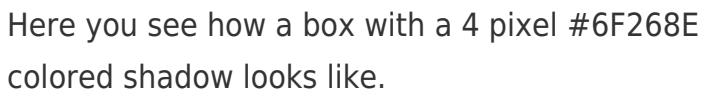
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F268E }
```

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

```
.border{ border-color:#6F268E }
```

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



Here you see how a box with a 4 pixel #6F268E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F268E; -webkit-box-shadow:4px 4px  
4px 4px #6F268E; box-shadow:4px 4px 4px  
4px #6F268E }
```

# Background

The CSS property to change the background color of an element to Hex 6F268E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F268E }
```

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

```
.background{ background-color:#6F268E }
```

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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