

# Converting Colors

Hex(6C238F)

Have a look what the booklet for  
Hex(6C238F) contains.

<b>Hex(6C238F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6C238F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C238F
RGB	108, 35, 143
RGB Percent	42%, 14%, 56%
CMY	0.5765, 0.8627, 0.4392
CMYK	0.24, 0.76, 0.00, 0.44
HSL	281°, 61%, 35%
HSV	281°, 76%, 56%
XYZ	11.7433, 6.3734, 26.5978
YIQ	69.1390, 8.8400, 49.0640

# Conversions

## Conversions Part 2

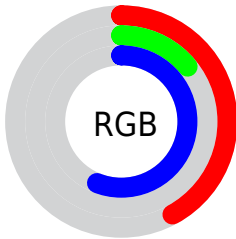
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 35, 143
Decimal	7086991
CIE <sub>Lab</sub>	30.34, 49.31, -45.13
CIE <sub>LCh</sub>	30, 66.847, 317.531
Yxy	6.3734, 0.2626, 0.1425
Android (android.graphics.Color)	4285277071 (0xFF6C238F)
YUV	69.1390, 36.4135, 34.0811
Hunter-Lab	25.2456, 38.8519, -44.7940

# Details

The Hex color **6C238F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **468F23**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A357C6**, and **37005C** is the 20% darker color. If you saturate the color by 10%, you get **67158F**, and if you desaturate by 10%, it is **71318F**.

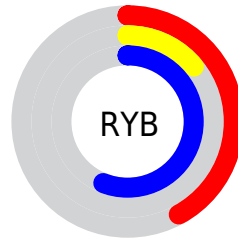
# Distribution



Red (42%)

Green (14%)

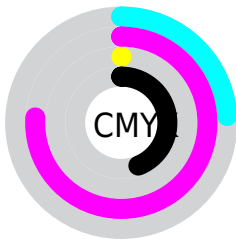
Blue (56%)



Red (42%)

Yellow (14%)

Blue (56%)

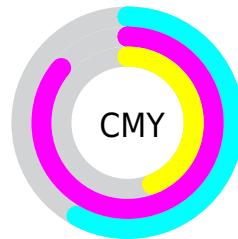


Cyan (24%)

Magenta (76%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (86%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C238F 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 6C238F by changing the saturation by 10% instead.



 6C238F

 6C238F

FFFFFF

 510175

 A357C6

 37005C

 BF72E2

 210044

 DC8CFF

 00002C

 F9A8FF

 000117

 FFC3FF

 000000

 FFE0FF

 FFFDFF

 6C238F

 6C238F

67158F

71318F

63068F

75408F

61008F

7A4E8F

7F5C8F

836B8F

88798F

8C878F

91958F

96A48F

# Harmonies

## Analogous

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



0044AD



6C238F



96005F

# Triad

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



6C238F



6A3D00



005C66

# Complementary

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



6C238F



468F23

# 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.



005A2F



6C238F



3C4E00

# Square

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



6C238F



8C1C00



005700



005B95

# Rectangle

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



6C238F



9E003D



005700



005C54



# Sweetspot

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



6C238F



AC8FBA



23478F



56445E



DEDEDE



5E5E5E



# Same Dimension

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



6C238F



8311BA



8F237D



454047



5B0087



050008



# Inverse Universe

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



8F2346



BA1148



238F35



474043



87002C

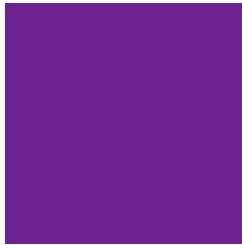


080002



# Previews

## White Background



This preview shows how the Hex color 6C238F looks on a white background.

## Color Contrast Check

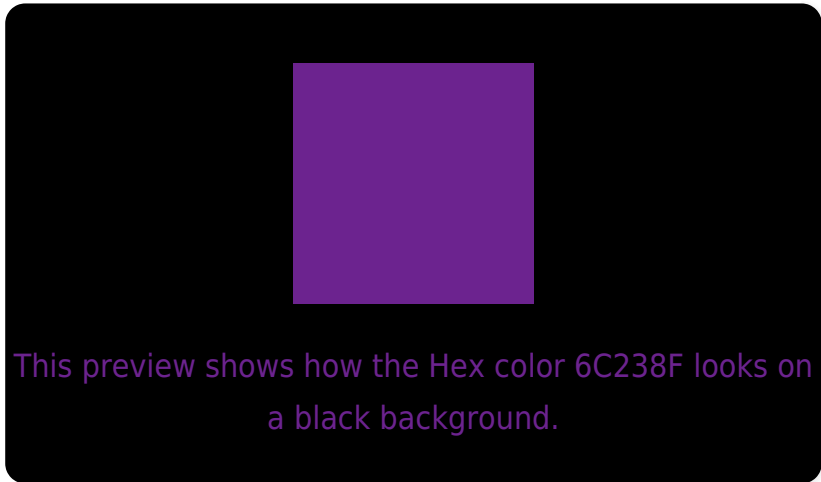
Large Text (above 18pt) WCAG AA ✓ Pass

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

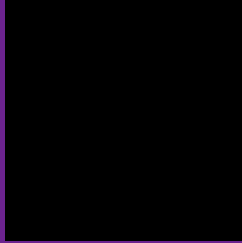
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C238F Background



This preview shows how black text looks on a background with the Hex color 6C238F.



This preview shows how white text looks on a background with the Hex color 6C238F.

# 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**  
6C238F

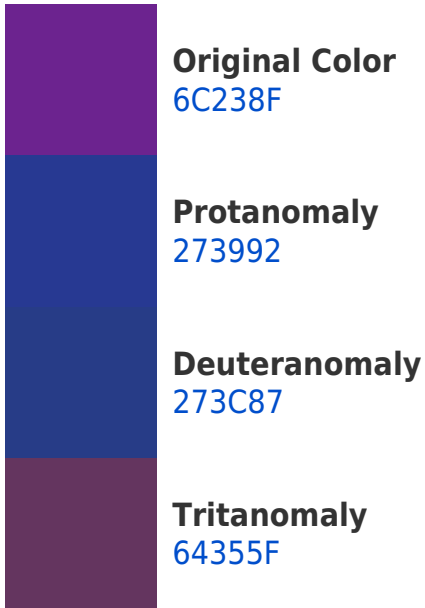
**Protanopia**  
004694

**Deuteranopia**  
004A82

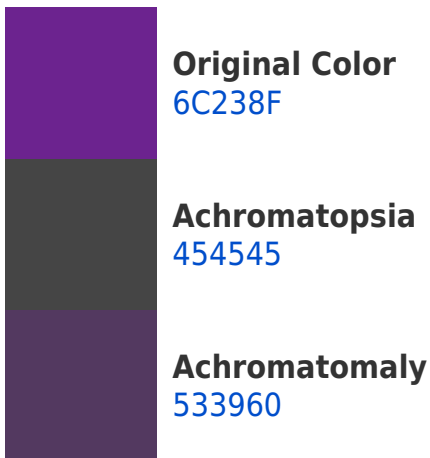


**Tritanopia**  
603F44

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C238F 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 #6C238F looks like.

```
.text, #text, p{  
    color:#6C238F  
}
```

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 #6C238F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C238F
}
```

## Border

The CSS property to change the border of an element to Hex 6C238F is called "border". The border property can be set on classes, ids or directly on the HTML element.

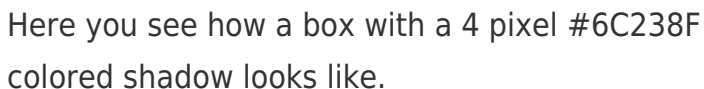
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C238F }
```

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

```
.border{ border-color:#6C238F }
```

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



Here you see how a box with a 4 pixel #6C238F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C238F; -webkit-box-shadow:4px 4px  
4px 4px #6C238F; box-shadow:4px 4px 4px  
4px #6C238F }
```

# Background

The CSS property to change the background color of an element to Hex 6C238F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C238F }
```

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

```
.background{ background-color:#6C238F }
```

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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