

# Converting Colors

Hex(6A158E)

Have a look what the booklet for  
Hex(6A158E) contains.

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# Color

**Hex(6A158E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A158E
RGB	106, 21, 142
RGB Percent	42%, 8%, 56%
CMY	0.5843, 0.9176, 0.4431
CMYK	0.25, 0.85, 0.00, 0.44
HSL	282°, 74%, 32%
HSV	282°, 85%, 56%
XYZ	11.0945, 5.5535, 26.0784
YIQ	60.2090, 11.8190, 55.6510

# Conversions

## Conversions Part 2

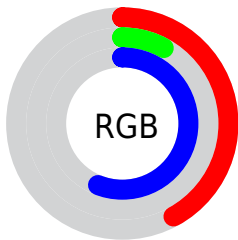
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 21, 142
Decimal	6952334
CIE <sub>Lab</sub>	28.26, 53.60, -47.90
CIE <sub>LCh</sub>	28, 71.881, 318.212
Yxy	5.5535, 0.2597, 0.1300
Android (android.graphics.Color)	4285142414 (0xFF6A158E)
YUV	60.2090, 40.3230, 40.1587
Hunter-Lab	23.5659, 42.7953, -49.1152

# Details

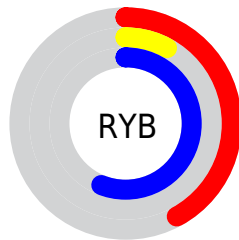
The Hex color **6A158E** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **398E15**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A14EC5**, and **34005B** is the 20% darker color. If you saturate the color by 10%, you get **66078E**, and if you desaturate by 10%, it is **6E238E**.

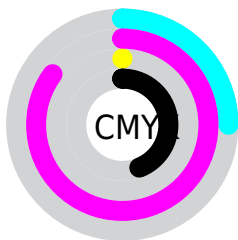
# Distribution



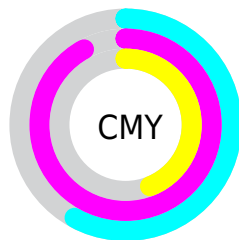
- Red (42%)
- Green (8%)
- Blue (56%)



- Red (42%)
- Yellow (8%)
- Blue (56%)



- Cyan (25%)
- Magenta (85%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (92%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A158E 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 6A158E by changing the saturation by 10% instead.





6A158E



6A158E

FFFFFF



4F0074



A14EC5



34005B



BE68E1



1C0043



DB83FE



00012B



F89EFF



000115



FFBAFF



000000



FFD6FF



FFF3FF



6A158E



6A158E

66078E

6E238E

64008E

72318E

77408E

7B4E8E

7F5C8E

836A8E

88788E

8C878E

90958E

# Harmonies

## Analogous

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



003FAF



6A158E



95005B

# Triad

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



6A158E



643900



005764

# Complementary

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



6A158E



398E15

# 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.



00562A



6A158E



324A00

# Square

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



6A158E



890D00



005200



005796

# Rectangle

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



6A158E



9D0037



005200



005751



# Sweetspot

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



6A158E



A988B8



15398E



533F5C



DBDBDB



5C5C5C



# Same Dimension

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



6A158E



8100B8



8E1576



454047



5F0087



050008



# Inverse Universe

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



8E1539



B80037



158E2D



474042



870028

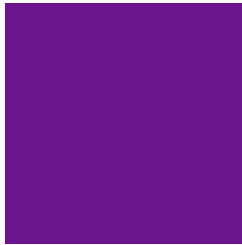


080002



# Previews

## White Background



This preview shows how the Hex color 6A158E looks on a white background.

## Color Contrast Check

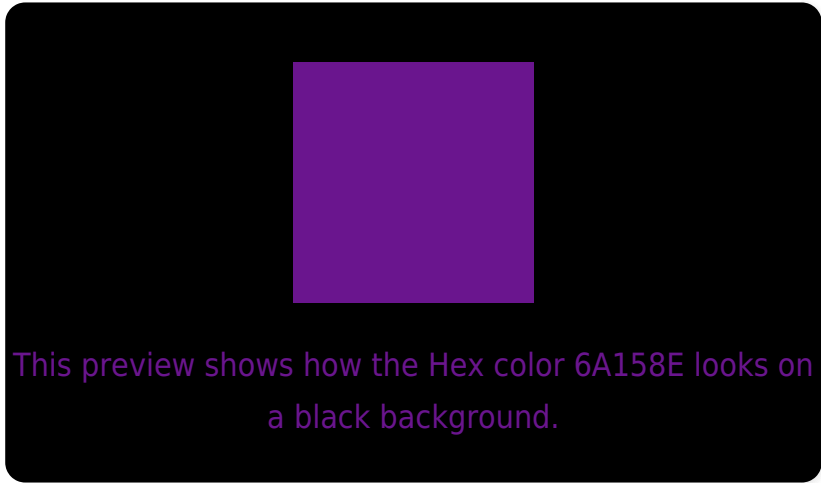
Large Text (above 18pt) WCAG AA ✓ Pass

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

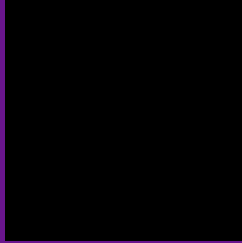
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A158E Background



This preview shows how black text looks on a background with the Hex color 6A158E.



This preview shows how white text looks on a background with the Hex color 6A158E.

# 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**  
6A158E

**Protanopia**  
00428B

**Deuteranopia**  
004679

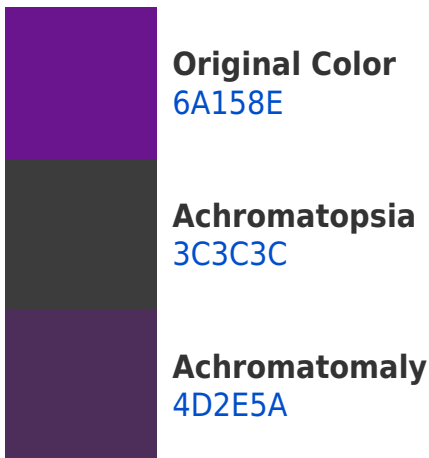


**Tritanopia**  
5D3A3E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A158E 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 #6A158E looks like.

```
.text, #text, p{  
    color:#6A158E  
}
```

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 #6A158E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A158E
}
```

## Border

The CSS property to change the border of an element to Hex 6A158E is called "border". The border property can be set on classes, ids or directly on the HTML element.

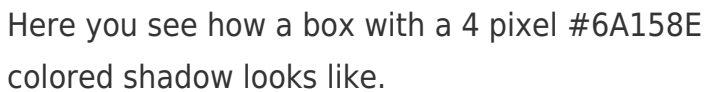
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A158E }
```

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

```
.border{ border-color:#6A158E }
```

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



Here you see how a box with a 4 pixel #6A158E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A158E; -webkit-box-shadow:4px 4px  
4px 4px #6A158E; box-shadow:4px 4px 4px  
4px #6A158E }
```

# Background

The CSS property to change the background color of an element to Hex 6A158E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A158E }
```

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

```
.background{ background-color:#6A158E }
```

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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