

# Converting Colors

Hex(61388E)

Have a look what the booklet for  
Hex(61388E) contains.

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# Color

**Hex(61388E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	61388E
RGB	97, 56, 142
RGB Percent	38%, 22%, 56%
CMY	0.6196, 0.7804, 0.4431
CMYK	0.32, 0.61, 0.00, 0.44
HSL	269°, 43%, 39%
HSV	269°, 61%, 56%
XYZ	11.2264, 7.3227, 26.4129
YIQ	78.0630, -3.1700, 35.4380

# Conversions

## Conversions Part 2

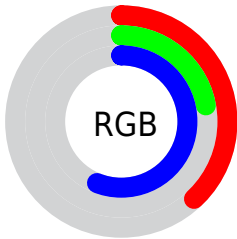
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 56, 142
Decimal	6371470
CIE <sub>Lab</sub>	32.53, 36.14, -41.06
CIE <sub>LCh</sub>	33, 54.699, 311.353
Yxy	7.3227, 0.2497, 0.1629
Android (android.graphics.Color)	4284561550 (0xFF61388E)
YUV	78.0630, 31.5209, 16.6077
Hunter-Lab	27.0605, 26.6971, -38.9287

# Details

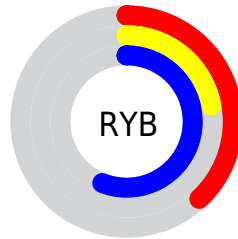
The Hex color **61388E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **658E38**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9669C4**, and **2D085B** is the 20% darker color. If you saturate the color by 10%, you get **5A2A8E**, and if you desaturate by 10%, it is **68468E**.

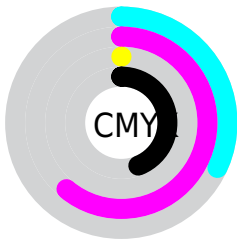
# Distribution



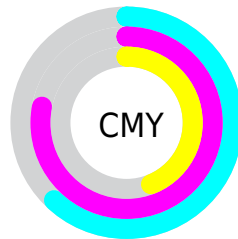
- Red (38%)
- Green (22%)
- Blue (56%)



- Red (38%)
- Yellow (22%)
- Blue (56%)



- Cyan (32%)
- Magenta (61%)
- Yellow (0%)
- Black (44%)



- Cyan (62%)
- Magenta (78%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61388E 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 61388E by changing the saturation by 10% instead.



61388E

61388E

FFFFFF

472174

9669C4

2D085B

B283E1

150043

CE9DFD

00002C

EBB8FF

000116

FFD4FF

000000

FFF1FF

61388E

61388E

5A2A8E

68468E

■ 521C8E

■ 70548E

■ 4B0D8E

■ 77638E

■ 44008E

■ 7F718E

■ 867F8E

■ 8E8D8E

■ 959B8E

■ 9CAA8E

■ A4B88E

# Harmonies

## Analogous

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



004DA2



61388E



8A1D69

# Triad

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



61388E



734000



005F5C

# Complementary

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



61388E



658E38

# 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.



005D2F



61388E



4F5000

# Square

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



61388E



8D2914



195900



005E85

# Rectangle

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



61388E



95104D



195900



005F4D



# Sweetspot

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



61388E



A697B8



38668E



51485C



DBDBDB



5C5C5C



# Same Dimension

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



61388E



7132B8



8B388E



444047



400087



040008



# Inverse Universe

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



8E3865



B83278



3B8E38



474044



870047

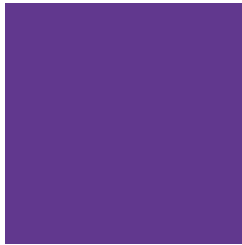


080004



# Previews

## White Background



This preview shows how the Hex color 61388E 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

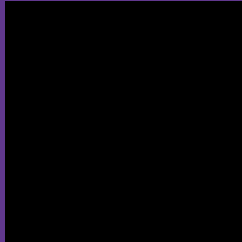
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 61388E Background



This preview shows how black text looks on a background with the Hex color 61388E.



This preview shows how white text looks on a background with the Hex color 61388E.

# 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](#).

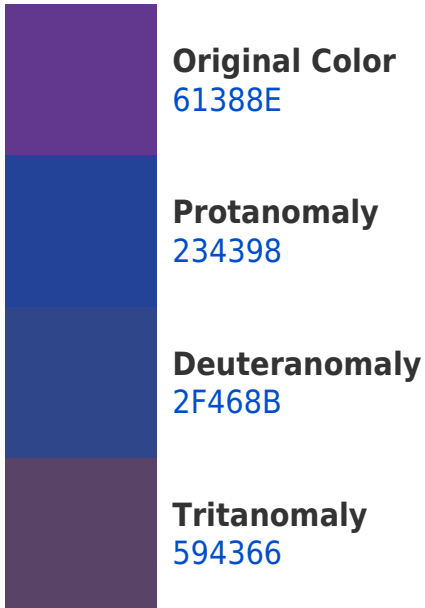
## Dichromacy



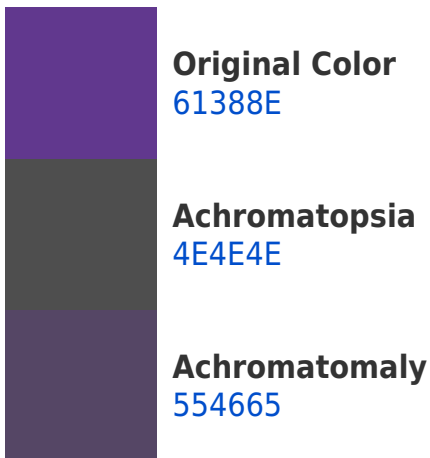


**Tritanopia**  
554A4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61388E 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 #61388E looks like.

```
.text, #text, p{  
    color:#61388E  
}
```

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 #61388E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61388E
}
```

## Border

The CSS property to change the border of an element to Hex 61388E is called "border". The border property can be set on classes, ids or directly on the HTML element.

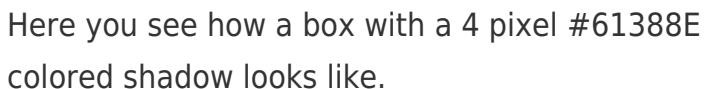
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61388E }
```

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

```
.border{ border-color:#61388E }
```

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



Here you see how a box with a 4 pixel #61388E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61388E; -webkit-box-shadow:4px 4px  
4px 4px #61388E; box-shadow:4px 4px 4px  
4px #61388E }
```

# Background

The CSS property to change the background color of an element to Hex 61388E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61388E }
```

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

```
.background{ background-color:#61388E }
```

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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