

# Converting Colors

Hex(63577D)

Have a look what the booklet for  
Hex(63577D) contains.

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# Color

**Hex(63577D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63577D
RGB	99, 87, 125
RGB Percent	39%, 34%, 49%
CMY	0.6118, 0.6588, 0.5098
CMYK	0.21, 0.30, 0.00, 0.51
HSL	259°, 18%, 42%
HSV	259°, 30%, 49%
XYZ	12.2555, 10.9497, 20.8696
YIQ	94.9200, -5.0460, 14.3620

# Conversions

## Conversions Part 2

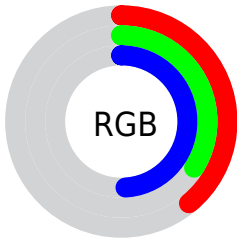
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 87, 125
Decimal	6510461
CIELab	39.50, 13.39, -19.63
CIElCh	39, 23.766, 304.306
Yxy	10.9497, 0.2781, 0.2484
Android (android.graphics.Color)	4284700541 (0xFF63577D)
YUV	94.9200, 14.8294, 3.5782
Hunter-Lab	33.0903, 8.2018, -14.2301

# Details

The Hex color **63577D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **717D57**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9689B2**, and **332A4C** is the 20% darker color. If you saturate the color by 10%, you get **5A4B7D**, and if you desaturate by 10%, it is **6C647D**.

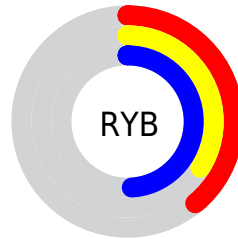
# Distribution



Red (39%)

Green (34%)

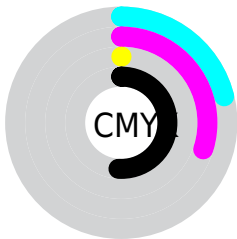
Blue (49%)



Red (39%)

Yellow (34%)

Blue (49%)

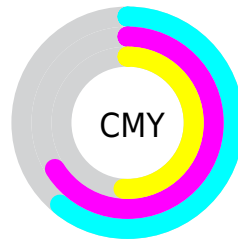


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (51%)



Cyan (61%)

Magenta (66%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63577D 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 63577D by changing the saturation by 10% instead.



■ 63577D

■ 63577D

FFFFFF

■ 4B4064

■ 9689B2

■ 332A4C

■ B1A3CD

■ 1D1535

■ CDBEEA

■ 070020

■ E9DAFF

■ 000004

■ FFF7FF

■ 000000

■ 63577D

■ 63577D

■ 5A4B7D

■ 6C647D

■ 523E7D

■ 74707D

■ 49327D

■ 7D7D7D

■ 41257D

■ 85897D

■ 38197D

■ 8E967D

■ 300C7D

■ 96A27D

■ 27007D

■ 9FAF7D

■ A7BB7D

■ B0C87D

# Harmonies

## Analogous

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



465E83



63577D



78516E

# Triad

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



63577D



78563B



21675F

# Complementary

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



63577D



717D57

# 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.



3B664C



63577D



675D36

# Square

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



63577D



815048



53623C



0E6772

# Rectangle

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



63577D



804E62



53623C



2A6759



# Sweetspot

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



63577D



9995A3



57727D



4B4952



D1D1D1



525252



# Same Dimension

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



63577D



7B68A3



75577D



3B3940



280080



000000



# Inverse Universe

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



7D5771



A36891



5F7D57



40393E



800057



000000



# Previews

## White Background



This preview shows how the Hex color 63577D 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

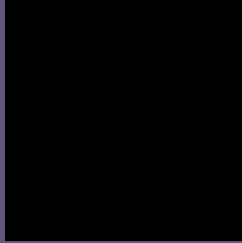
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 63577D Background



This preview shows how black text looks on a background with the Hex color 63577D.

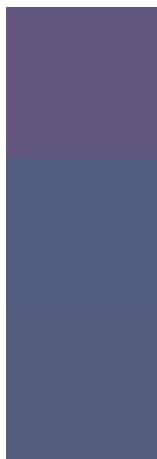


This preview shows how white text looks on a background with the Hex color 63577D.

# 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**  
63577D

**Protanopia**  
525C81

**Deuteranopia**  
555C7C



**Tritanopia**  
5E5C63

# Trichromacy



**Original Color**  
63577D

**Protanomaly**  
585A80

**Deuteranomaly**  
5A5A7C

**Tritanomaly**  
605A6C

# Monochromacy



**Original Color**  
63577D

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
605C6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63577D 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 #63577D looks like.

```
.text, #text, p{  
    color:#63577D  
}
```

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 #63577D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63577D  
}
```

## Border

The CSS property to change the border of an element to Hex 63577D is called "border". The border property can be set on classes, ids or directly on the HTML element.

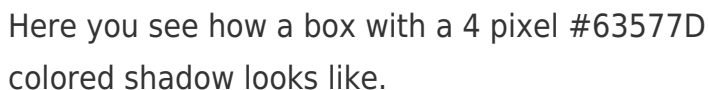
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#63577D }
```

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

```
.border{ border-color:#63577D }
```

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



Here you see how a box with a 4 pixel #63577D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63577D; -webkit-box-shadow:4px 4px  
4px 4px #63577D; box-shadow:4px 4px 4px  
4px #63577D }
```

# Background

The CSS property to change the background color of an element to Hex 63577D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63577D }
```

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

```
.background{ background-color:#63577D }
```

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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