

# Converting Colors

Hex(635093)

Have a look what the booklet for  
Hex(635093) contains.

<b>Hex(635093)</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(635093)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635093
RGB	99, 80, 147
RGB Percent	39%, 31%, 58%
CMY	0.6118, 0.6863, 0.4235
CMYK	0.33, 0.46, 0.00, 0.42
HSL	257°, 30%, 45%
HSV	257°, 46%, 58%
XYZ	13.2807, 10.4966, 28.9298
YIQ	93.3190, -10.1830, 24.8650

# Conversions

## Conversions Part 2

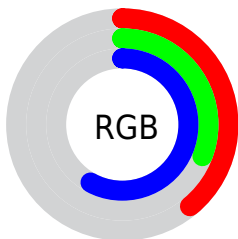
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 80, 147
Decimal	6508691
CIE Lab	38.72, 23.60, -34.23
CIE LCh	39, 41.577, 304.580
Yxy	10.4966, 0.2520, 0.1991
Android (android.graphics.Color)	4284698771 (0xFF635093)
<b>YUV</b>	93.3190, 26.4647, 4.9822
Hunter-Lab	32.3984, 16.4733, -30.2636

# Details

The Hex color **635093** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **809350**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9882C9**, and **312360** is the 20% darker color. If you saturate the color by 10%, you get **584193**, and if you desaturate by 10%, it is **6E5F93**.

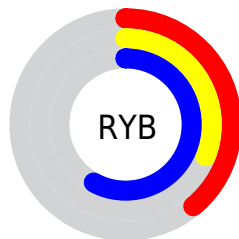
# Distribution



Red (39%)

Green (31%)

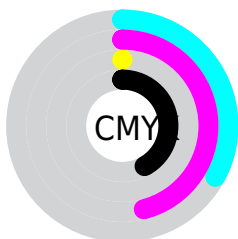
Blue (58%)



Red (39%)

Yellow (31%)

Blue (58%)

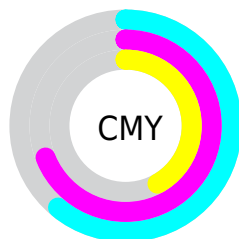


Cyan (33%)

Magenta (46%)

Yellow (0%)

Black (42%)



Cyan (61%)

Magenta (69%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635093 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 635093 by changing the saturation by 10% instead.



635093

635093

FFFFFF

4A3979

9882C9

312360

B39CE6

170E48

CFB7FF

000031

ECD2FF

00011B

FFEFFF

000000

635093

635093

584193

6E5F93

4E3393

786D93

432493

837C93

391593

8D8B93

2E0793

989993

2A0093

A2A893

ADB793

B7C693

C2D493

# Harmonies

## Analogous

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



125D9F



635093



884279

# Triad

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



635093



834F1C



006B60

# Complementary

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



635093



809350

# 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.



01693D



635093



685B10

# Square

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



635093



954237



45641F



006B81

# Rectangle

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



635093



953C63



45641F



006B54



# Sweetspot

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



635093



ACA4BF



508093



555061



E0E0E0



616161



# Same Dimension

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



635093



7456BF



845093



45434A



27008A



03000A



# Inverse Universe

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



935080



BF56A1



5F9350



4A4348



8A0063



0A0007



# Previews

## White Background



This preview shows how the Hex color 635093 looks on a white background.

## Color Contrast Check

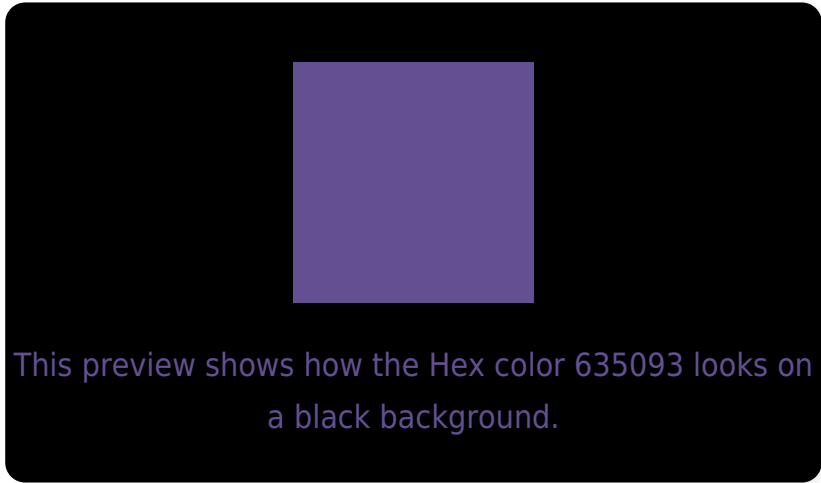
Large Text (above 18pt) WCAG AA ✓ Pass

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

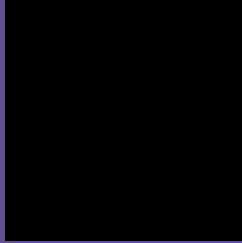
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635093 Background



This preview shows how black text looks on a background with the Hex color 635093.

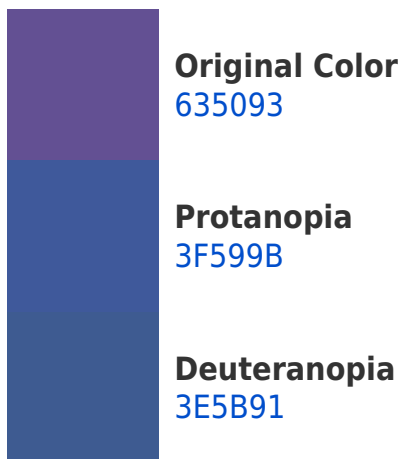


This preview shows how white text looks on a background with the Hex color 635093.

# 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**  
595B62

# Trichromacy



**Original Color**  
635093

**Protanomaly**  
4C5698

**Deuteranomaly**  
4B5792

**Tritanomaly**  
5D5774

# Monochromacy



**Original Color**  
635093

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5F5871

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635093 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 #635093 looks like.

```
.text, #text, p{  
    color:#635093  
}
```

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 #635093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635093
}
```

## Border

The CSS property to change the border of an element to Hex 635093 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
#635093 }
```

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

```
.border{ border-color:#635093 }
```

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

Here you see how a box with a 4 pixel #635093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635093; -webkit-box-shadow:4px 4px  
4px 4px #635093; box-shadow:4px 4px 4px  
4px #635093 }
```

# Background

The CSS property to change the background color of an element to Hex 635093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635093 }
```

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

```
.background{ background-color:#635093 }
```

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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