

# Converting Colors

Hex(635A8D)

Have a look what the booklet for  
Hex(635A8D) contains.

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# Color

**Hex(635A8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635A8D
RGB	99, 90, 141
RGB Percent	39%, 35%, 55%
CMY	0.6118, 0.6471, 0.4471
CMYK	0.30, 0.36, 0.00, 0.45
HSL	251°, 22%, 45%
HSV	251°, 36%, 55%
XYZ	13.6095, 11.8881, 26.7766
YIQ	98.5050, -11.0070, 17.7690

# Conversions

## Conversions Part 2

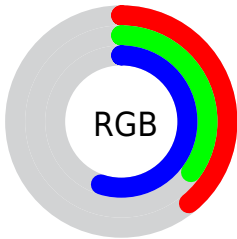
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 90, 141
Decimal	6511245
CIE <sub>Lab</sub>	41.04, 15.73, -26.96
CIE <sub>LCh</sub>	41, 31.214, 300.256
Yxy	11.8881, 0.2603, 0.2274
Android (android.graphics.Color)	4284701325 (0xFF635A8D)
<b>YUV</b>	98.5050, 20.9500, 0.4341
Hunter-Lab	34.4791, 10.1186, -21.9096

# Details

The Hex color **635A8D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **848D5A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **978CC3**, and **322C5A** is the 20% darker color. If you saturate the color by 10%, you get **574C8D**, and if you desaturate by 10%, it is **6F688D**.

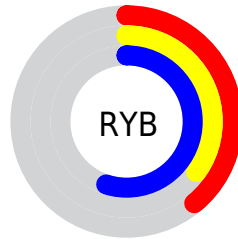
# Distribution



Red (39%)

Green (35%)

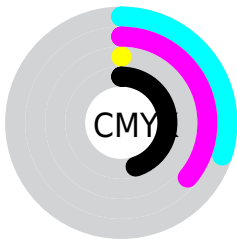
Blue (55%)



Red (39%)

Yellow (35%)

Blue (55%)

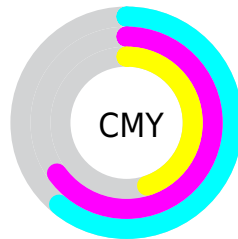


Cyan (30%)

Magenta (36%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (65%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635A8D 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 635A8D by changing the saturation by 10% instead.



■ 635A8D

■ 635A8D

FFFFFF

■ 4A4373

■ 978CC3

■ 322C5A

■ B2A6DF

■ 1A1843

■ CEC2FC

■ 07002D

■ EADEFF

■ 000117

■ FFFAFF

■ 000000

■ 635A8D

■ 635A8D

■ 574C8D

■ 6F688D

■ 4C3E8D

■ 7A768D

40308D

86848D

35228D

91928D

29148D

9DA18D

1D058D

A9AF8D

19008D

B4BD8D

C0CB8D

CCD98D

# Harmonies

## Analogous

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



366394



635A8D



81517B

# Triad

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



635A8D



845635



006E60

# Complementary

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



635A8D



848D5A

# 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.



366C46



635A8D



705F2C

# Square

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



635A8D



904E48



566733



006D7A

# Rectangle

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



635A8D



8C4D6A



566733



166D57



# Sweetspot

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



635A8D



A7A3B8



5A848D



52505C



DBDBDB



5C5C5C



# Same Dimension

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



635A8D



7769B8



7C5A8D



424047



180087



010008



# Inverse Universe

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



8D5A84



B869AA



6B8D5A



474046



87006F



080006



# Previews

## White Background



This preview shows how the Hex color 635A8D looks on a white background.

## Color Contrast Check

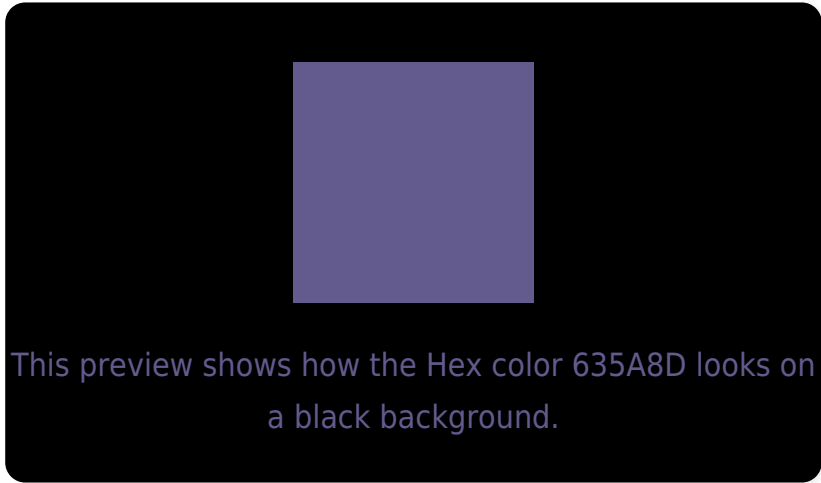
Large Text (above 18pt) WCAG AA ✓ Pass

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

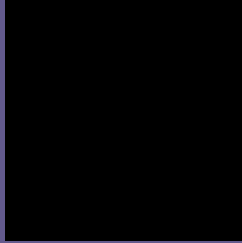
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635A8D Background



This preview shows how black text looks on a background with the Hex color 635A8D.

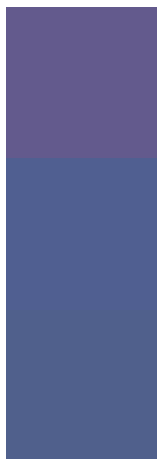


This preview shows how white text looks on a background with the Hex color 635A8D.

# 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**  
635A8D

**Protanopia**  
505F91

**Deuteranopia**  
50608C



**Tritanopia**  
5C6169

# Trichromacy



**Original Color**  
635A8D

**Protanomaly**  
575D90

**Deuteranomaly**  
575E8C

**Tritanomaly**  
5F5E76

# Monochromacy



**Original Color**  
635A8D

**Achromatopsia**  
636363

**Achromatomaly**  
636072

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635A8D 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 #635A8D looks like.

```
.text, #text, p{  
    color:#635A8D  
}
```

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 #635A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635A8D
}
```

## Border

The CSS property to change the border of an element to Hex 635A8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

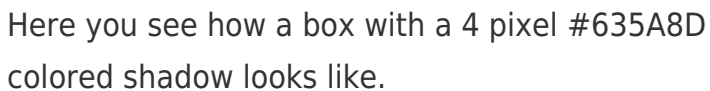
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635A8D }
```

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

```
.border{ border-color:#635A8D }
```

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



Here you see how a box with a 4 pixel #635A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635A8D; -webkit-box-shadow:4px 4px  
4px 4px #635A8D; box-shadow:4px 4px 4px  
4px #635A8D }
```

# Background

The CSS property to change the background color of an element to Hex 635A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635A8D }
```

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

```
.background{ background-color:#635A8D }
```

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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