

# Converting Colors

Hex(652A93)

Have a look what the booklet for  
Hex(652A93) contains.

<b>Hex(652A93)</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(652A93)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	652A93
RGB	101, 42, 147
RGB Percent	40%, 16%, 58%
CMY	0.6039, 0.8353, 0.4235
CMYK	0.31, 0.71, 0.00, 0.42
HSL	274°, 56%, 37%
HSV	274°, 71%, 58%
XYZ	11.4613, 6.5292, 28.2600
YIQ	71.6110, 1.4590, 45.1630

# Conversions

## Conversions Part 2

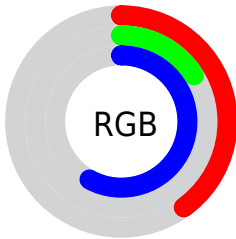
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	101, 42, 147
Decimal	6630035
CIE <sub>Lab</sub>	30.71, 45.68, -47.04
CIE <sub>LCh</sub>	31, 65.573, 314.162
Yxy	6.5292, 0.2478, 0.1412
Android (android.graphics.Color)	4284820115 (0xFF652A93)
YUV	71.6110, 37.1668, 25.7742
Hunter-Lab	25.5523, 35.3479, -47.6860

# Details

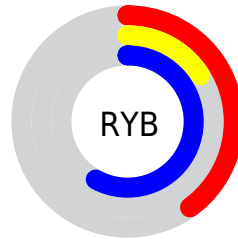
The Hex color **652A93** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **58932A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9C5CCA**, and **2F005F** is the 20% darker color. If you saturate the color by 10%, you get **5F1B93**, and if you desaturate by 10%, it is **6B3993**.

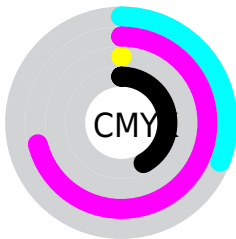
# Distribution



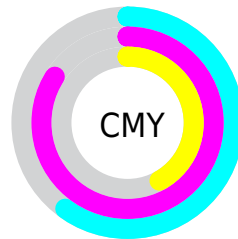
- Red (40%)
- Green (16%)
- Blue (58%)



- Red (40%)
- Yellow (16%)
- Blue (58%)



- Cyan (31%)
- Magenta (71%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (84%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 652A93 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 652A93 by changing the saturation by 10% instead.



 652A93

 652A93

FFFFFF

 4A0E79

 9C5CCA

 2F005F

 B876E6

 180047

 D491FF

 000030

 F2ACFF

 00011A

 FFC8FF

 000000

 FFE4FF

 652A93

 652A93

 5F1B93

 6B3993

■ 580D93

■ 724793

■ 530093

■ 785693

■ 7F6593

■ 857393

■ 8C8293

■ 929193

■ 99A093

■ 9FAE93

# Harmonies

## Analogous

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



0047AE



652A93



930066

# Triad

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



652A93



6F3C00



005D60

# Complementary

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



652A93



58932A

# 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.



005B2A



652A93



434E00

# Square

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



652A93



8F1900



005700



005C90

# Rectangle

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



652A93



9D0044



005700



005C4E



# Sweetspot

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



652A93



AE97BF



2A5993



564961



E0E0E0



616161



# Same Dimension

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



652A93



771BBF



932A8E



47434A



4D008A



06000A



# Inverse Universe

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



932A58



BF1B63



2A932F



4A4346



8A003C

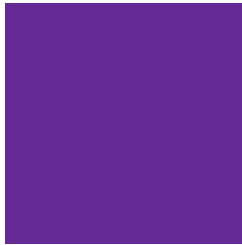


0A0004



# Previews

## White Background



This preview shows how the Hex color 652A93 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

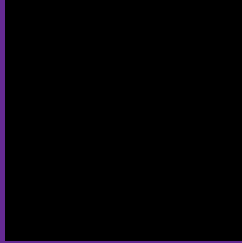
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 652A93 Background



This preview shows how black text looks on a background with the Hex color 652A93.

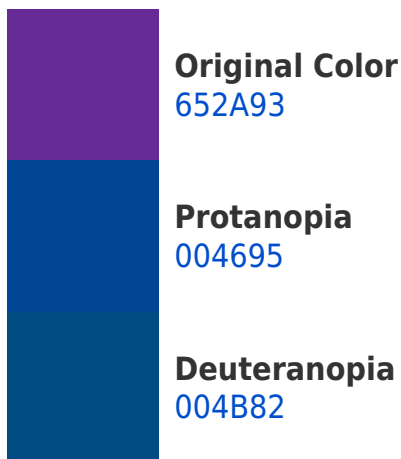


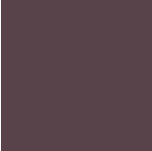
This preview shows how white text looks on a background with the Hex color 652A93.

# 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**  
574349

# Trichromacy



**Original Color**  
652A93



**Protanomaly**  
253C94



**Deuteranomaly**  
253F88



**Tritanomaly**  
5C3A64

# Monochromacy



**Original Color**  
652A93



**Achromatopsia**  
484848



**Achromatomaly**  
533D63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 652A93 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 #652A93 looks like.

```
.text, #text, p{  
    color:#652A93  
}
```

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 #652A93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #652A93
}
```

## Border

The CSS property to change the border of an element to Hex 652A93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

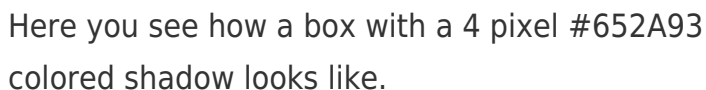
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#652A93 }
```

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

```
.border{ border-color:#652A93 }
```

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



Here you see how a box with a 4 pixel #652A93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #652A93; -webkit-box-shadow:4px 4px  
4px 4px #652A93; box-shadow:4px 4px 4px  
4px #652A93 }
```

# Background

The CSS property to change the background color of an element to Hex 652A93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#652A93 }
```

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

```
.background{ background-color:#652A93 }
```

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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