

# Converting Colors

Hex(615DA3)

Have a look what the booklet for  
Hex(615DA3) contains.

<b>Hex(615DA3)</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(615DA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	615DA3
RGB	97, 93, 163
RGB Percent	38%, 36%, 64%
CMY	0.6196, 0.6353, 0.3608
CMYK	0.40, 0.43, 0.00, 0.36
HSL	243°, 28%, 50%
HSV	243°, 43%, 64%
XYZ	15.4550, 13.0144, 36.3478
YIQ	102.1760, -20.0860, 22.6180

# Conversions

## Conversions Part 2

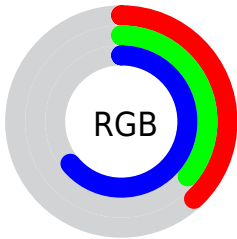
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 93, 163
Decimal	6380963
CIE <sub>Lab</sub>	42.78, 19.52, -37.39
CIE <sub>LCh</sub>	43, 42.177, 297.573
Yxy	13.0144, 0.2384, 0.2008
Android (android.graphics.Color)	4284571043 (0xFF615DA3)
YUV	102.1760, 29.9862, -4.5394
Hunter-Lab	36.0755, 13.3383, -34.4846

# Details

The Hex color **615DA3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9FA35D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **968FDA**, and **2D2F6F** is the 20% darker color. If you saturate the color by 10%, you get **524DA3**, and if you desaturate by 10%, it is **706DA3**.

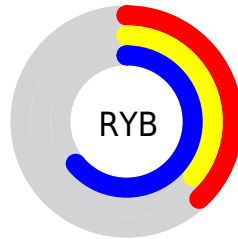
# Distribution



Red (38%)

Green (36%)

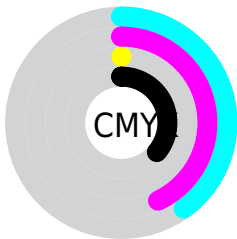
Blue (64%)



Red (38%)

Yellow (36%)

Blue (64%)

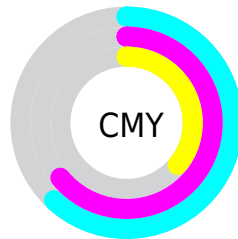


Cyan (40%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (64%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 615DA3 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 615DA3 by changing the saturation by 10% instead.



■ 615DA3

■ 615DA3

FFFFFF

■ 474588

■ 968FDA

■ 2D2F6F

■ B2AAF7

■ 0F1A56

■ CEC5FF

■ 00013E

■ EBE1FF

■ 000328

FFFEFF

■ 000111

■ 000000

■ 615DA3

■ 615DA3

■ 524DA3

■ 706DA3

■ 423CA3

■ 807EA3

■ 332CA3

■ 8F8EA3

■ 241CA3

■ 9E9EA3

■ 140CA3

■ AEAF A3

■ 0900A3

■ BDBFA3

■ CDCFA3

■ DCDF A3

■ EBF0A3

# Harmonies

## Analogous

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



006AAB



615DA3



8D4E8B

# Triad

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



615DA3



95552A



007661

# Complementary

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



615DA3



9FA35D

# 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.



28733E



615DA3



7A621A

# Square

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



615DA3



A34947



586C23



007684

# Rectangle

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



615DA3



9D4775



586C23



007555



# Sweetspot

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



615DA3



BAB8D4



5DA0A3



5B5A6B



EBEBEB



6B6B6B



# Same Dimension

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



615DA3



6C66D4



845DA3



4A4952



080091



010012



# Inverse Universe

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



A35D9F



D466CD



7CA35D



524951



910089

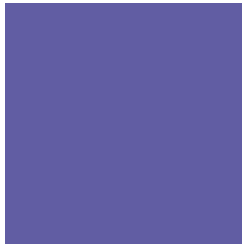


120011



# Previews

## White Background



This preview shows how the Hex color 615DA3 looks on a white background.

## Color Contrast Check

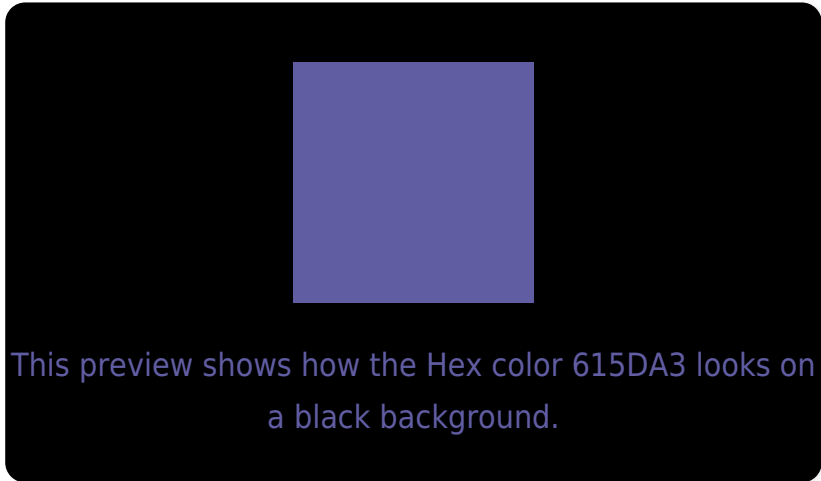
Large Text (above 18pt) WCAG AA ✓ Pass

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

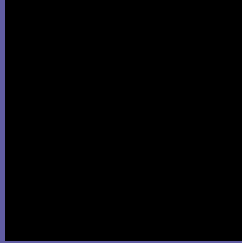
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 615DA3 Background



This preview shows how black text looks on a background with the Hex color 615DA3.

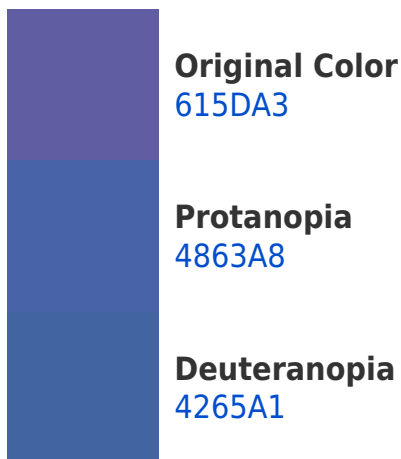


This preview shows how white text looks on a background with the Hex color 615DA3.

# 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](#).

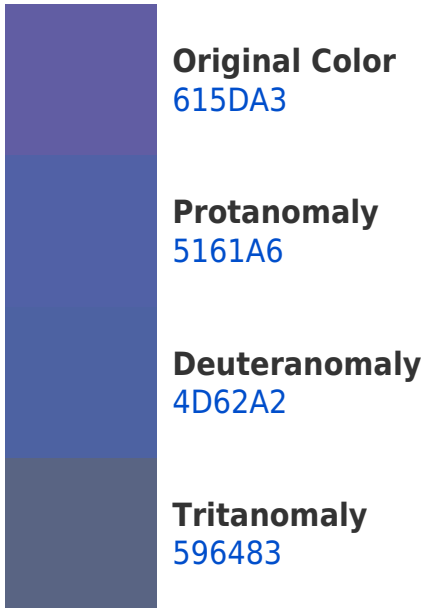
## Dichromacy





**Tritanopia**  
556870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 615DA3 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 #615DA3 looks like.

```
.text, #text, p{  
    color:#615DA3  
}
```

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 #615DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615DA3
}
```

## Border

The CSS property to change the border of an element to Hex 615DA3 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
#615DA3 }
```

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

```
.border{ border-color:#615DA3 }
```

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

Here you see how a box with a 4 pixel #615DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615DA3; -webkit-box-shadow:4px 4px  
4px 4px #615DA3; box-shadow:4px 4px 4px  
4px #615DA3 }
```

# Background

The CSS property to change the background color of an element to Hex 615DA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615DA3 }
```

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

```
.background{ background-color:#615DA3 }
```

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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