

# Converting Colors

Hex(612499)

Have a look what the booklet for  
Hex(612499) contains.

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**Color**

**Hex(612499)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	612499
RGB	97, 36, 153
RGB Percent	38%, 14%, 60%
CMY	0.6196, 0.8588, 0.4000
CMYK	0.37, 0.76, 0.00, 0.40
HSL	271°, 62%, 37%
HSV	271°, 76%, 60%
XYZ	11.3104, 6.1030, 30.7189
YIQ	67.5770, -1.2010, 49.3190

# Conversions

## Conversions Part 2

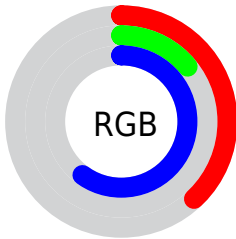
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 36, 153
Decimal	6366361
CIE <sub>Lab</sub>	29.67, 49.08, -52.43
CIE <sub>LCh</sub>	30, 71.814, 313.107
Yxy	6.1030, 0.2350, 0.1268
Android (android.graphics.Color)	4284556441 (0xFF612499)
YUV	67.5770, 42.1135, 25.8040
Hunter-Lab	24.7043, 38.4902, -56.4317

# Details

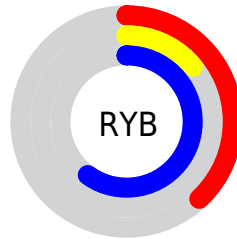
The Hex color **612499** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5C9924**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9857D0**, and **290065** is the 20% darker color. If you saturate the color by 10%, you get **5A1599**, and if you desaturate by 10%, it is **683399**.

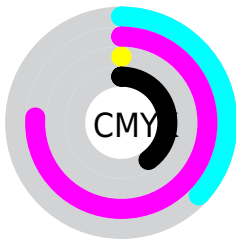
# Distribution



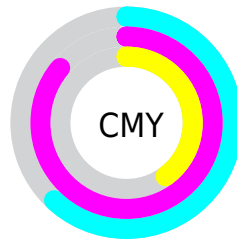
- Red (38%)
- Green (14%)
- Blue (60%)



- Red (38%)
- Yellow (14%)
- Blue (60%)



- Cyan (37%)
- Magenta (76%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (86%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 612499 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 612499 by changing the saturation by 10% instead.



612499

612499

FFFFFF

46057E

9857D0

290065

B571ED

10004C

D18CFF

000134

EFA7FF

00021E

FFC3FF

000000

FFDFFF

FFFCFF

612499

612499

■ 5A1599

■ 683399

■ 520599

■ 704399

■ 500099

■ 775299

■ 7E6199

■ 867199

■ 8D8099

■ 948F99

■ 9C9E99

■ A3AE99

# Harmonies

## Analogous

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



0046B5



612499



950068

# Triad

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



612499



703700



005B5E

# Complementary

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



612499



5C9924

# 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.



005922



612499



404B00

# Square

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



612499



920100



005500



005B92

# Rectangle

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



612499



A10043



005500



005A4B



# Sweetspot

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



612499



B199C7



245D99



564863



E3E3E3



636363



# Same Dimension

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



612499



6F10C7



992497



49454D



49008C



07000D



# Inverse Universe

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



99245C



C71067



249926



4D4549



8C0043

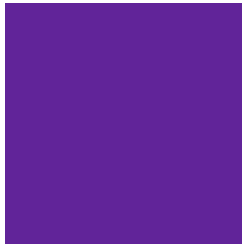


0D0006



# Previews

## White Background



This preview shows how the Hex color 612499 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

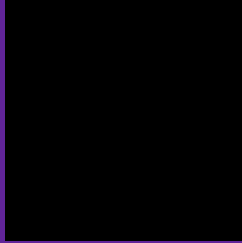
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 612499 Background



This preview shows how black text looks on a background with the Hex color 612499.

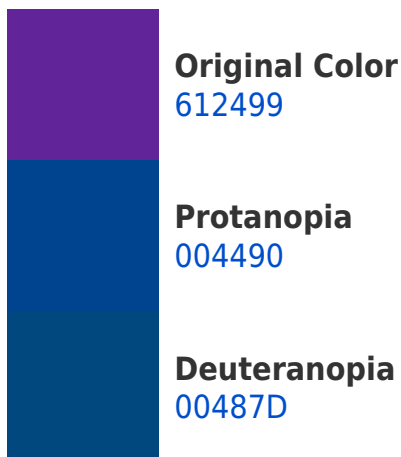



This preview shows how white text looks on a background with the Hex color 612499.

# 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](#).

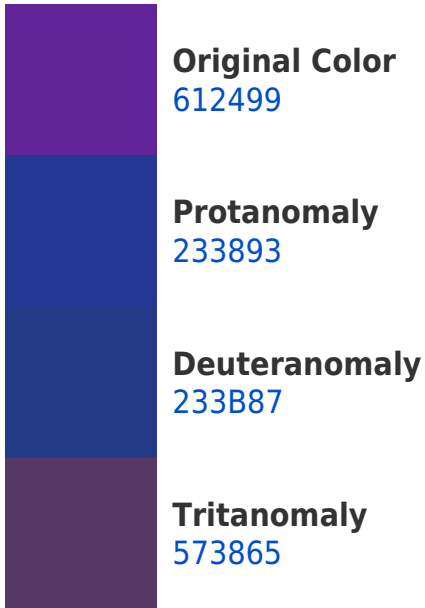
## Dichromacy



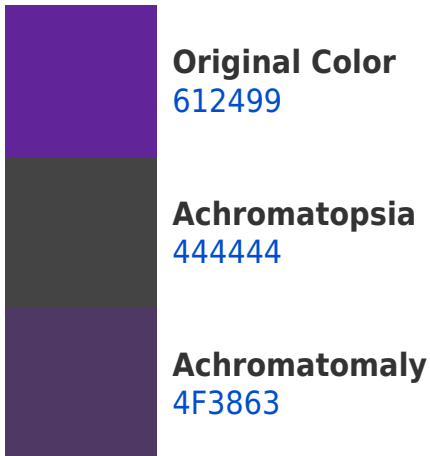


**Tritanopia**  
514348

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 612499 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 #612499 looks like.

```
.text, #text, p{  
    color:#612499  
}
```

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 #612499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612499
}
```

## Border

The CSS property to change the border of an element to Hex 612499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

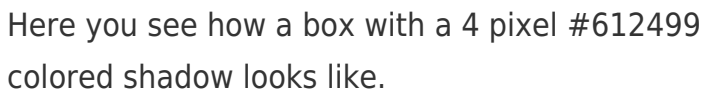
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612499 }
```

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

```
.border{ border-color:#612499 }
```

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



Here you see how a box with a 4 pixel #612499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612499; -webkit-box-shadow:4px 4px  
4px 4px #612499; box-shadow:4px 4px 4px  
4px #612499 }
```

# Background

The CSS property to change the background color of an element to Hex 612499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612499 }
```

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

```
.background{ background-color:#612499 }
```

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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