

# Converting Colors

Hex(601497)

Have a look what the booklet for  
Hex(601497) contains.

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**Color**

**Hex(601497)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	601497
RGB	96, 20, 151
RGB Percent	38%, 8%, 59%
CMY	0.6235, 0.9216, 0.4078
CMYK	0.36, 0.87, 0.00, 0.41
HSL	275°, 77%, 34%
HSV	275°, 87%, 59%
XYZ	10.6599, 5.2215, 29.7242
YIQ	57.6580, 3.2450, 56.8530

# Conversions

## Conversions Part 2

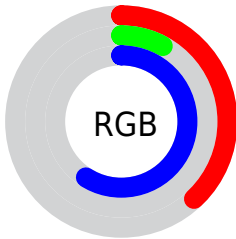
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 20, 151
Decimal	6296727
CIE <sub>Lab</sub>	27.36, 54.24, -54.99
CIE <sub>LCh</sub>	27, 77.240, 314.609
Yxy	5.2215, 0.2337, 0.1145
Android (android.graphics.Color)	4284486807 (0xFF601497)
YUV	57.6580, 46.0176, 33.6259
Hunter-Lab	22.8505, 43.2831, -61.1295

# Details

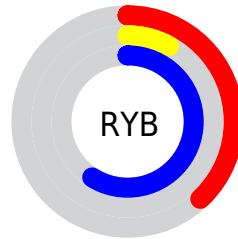
The Hex color **601497** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4B9714**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **984CCE**, and **270063** is the 20% darker color. If you saturate the color by 10%, you get **5A0597**, and if you desaturate by 10%, it is **662397**.

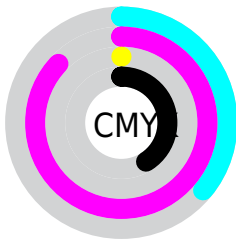
# Distribution



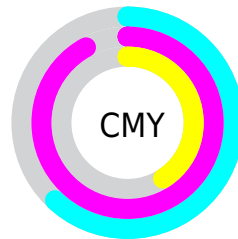
- Red (38%)
- Green (8%)
- Blue (59%)



- Red (38%)
- Yellow (8%)
- Blue (59%)



- Cyan (36%)
- Magenta (87%)
- Yellow (0%)
- Black (41%)



- Cyan (62%)
- Magenta (92%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 601497 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 601497 by changing the saturation by 10% instead.



601497

601497

FFFFFF

44007C

984CCE

270063

B466EB

07004A

D181FF

000432

EF9CFF

00021C

FFB8FF

000000

FFD4FF

FFF1FF

601497

601497

■ 5A0597

■ 662397

■ 580097

■ 6D3297

■ 734197

■ 795097

■ 806097

■ 866F97

■ 8C7E97

■ 938D97

■ 999C97

# Harmonies

## Analogous

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



0041B7



601497



950062

# Triad

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



601497



683200



00565D

# Complementary

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



601497



4B9714

# 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.



00541E



601497



354700

# Square

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



601497



8D0000



005000



005695

# Rectangle

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



601497



A0003B



005000



005549



# Sweetspot

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



601497



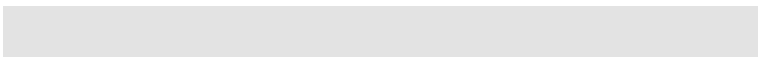
AF91C4



144D97



574563



E3E3E3



636363



# Same Dimension

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



601497



7200C4



97148E



49454D



51008C



07000D



# Inverse Universe

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



97144B



C40052



14971D



4D4548



8C003B

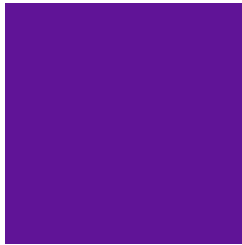


0D0005



# Previews

## White Background



This preview shows how the Hex color 601497 looks on a white background.

## Color Contrast Check

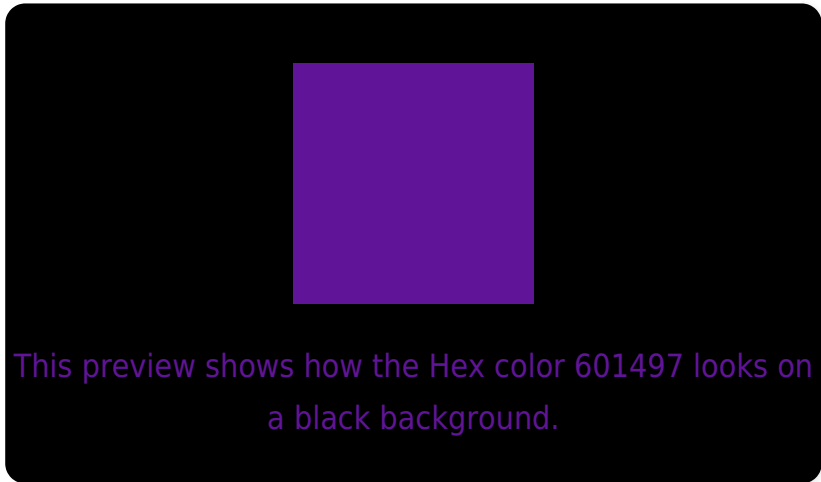
Large Text (above 18pt) WCAG AA ✓ Pass

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

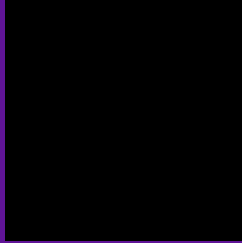
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 601497 Background



This preview shows how black text looks on a background with the Hex color 601497.



This preview shows how white text looks on a background with the Hex color 601497.

# 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**  
601497

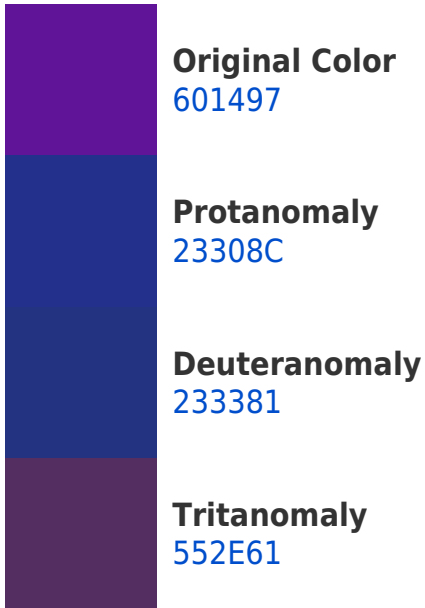
**Protanopia**  
004086

**Deuteranopia**  
004474

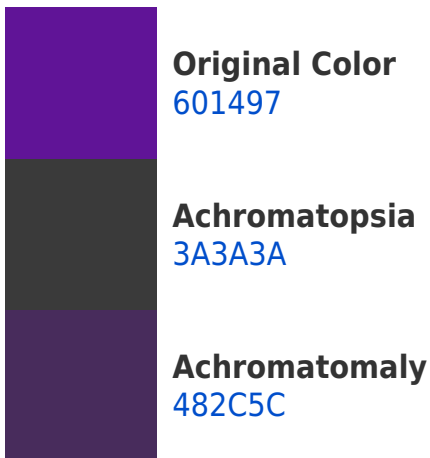


**Tritanopia**  
4F3D42

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 601497 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 #601497 looks like.

```
.text, #text, p{  
    color:#601497  
}
```

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 #601497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #601497
}
```

## Border

The CSS property to change the border of an element to Hex 601497 is called "border". The border property can be set on classes, ids or directly on the HTML element.

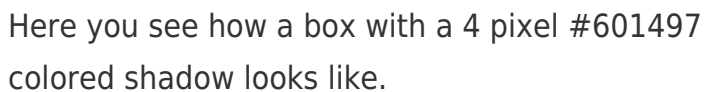
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#601497 }
```

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

```
.border{ border-color:#601497 }
```

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



Here you see how a box with a 4 pixel #601497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #601497; -webkit-box-shadow:4px 4px  
4px 4px #601497; box-shadow:4px 4px 4px  
4px #601497 }
```

# Background

The CSS property to change the background color of an element to Hex 601497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#601497 }
```

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

```
.background{ background-color:#601497 }
```

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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