

# Converting Colors

Hex(612769)

Have a look what the booklet for  
Hex(612769) contains.

<b>Hex(612769)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(612769)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	612769
RGB	97, 39, 105
RGB Percent	38%, 15%, 41%
CMY	0.6196, 0.8471, 0.5882
CMYK	0.08, 0.63, 0.00, 0.59
HSL	293°, 46%, 28%
HSV	293°, 63%, 41%
XYZ	8.2051, 5.0123, 13.8996
YIQ	63.8660, 13.3820, 32.8220

# Conversions

## Conversions Part 2

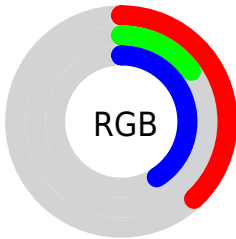
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 39, 105
Decimal	6367081
CIE <sub>Lab</sub>	26.77, 36.63, -26.96
CIE <sub>LCh</sub>	27, 45.480, 323.642
Yxy	5.0123, 0.3026, 0.1848
Android (android.graphics.Color)	4284557161 (0xFF612769)
YUV	63.8660, 20.2791, 29.0585
Hunter-Lab	22.3883, 26.2391, -21.1381

# Details

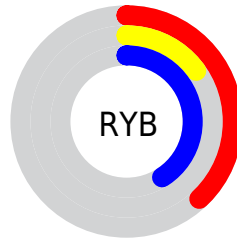
The Hex color **612769** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2F6927**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **96589D**, and **300039** is the 20% darker color. If you saturate the color by 10%, you get **601C69**, and if you desaturate by 10%, it is **623169**.

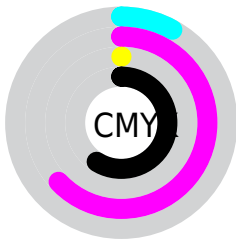
# Distribution



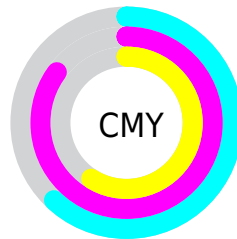
- Red (38%)
- Green (15%)
- Blue (41%)



- Red (38%)
- Yellow (15%)
- Blue (41%)



- Cyan (8%)
- Magenta (63%)
- Yellow (0%)
- Black (59%)



- Cyan (62%)
- Magenta (85%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 612769 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 612769 by changing the saturation by 10% instead.



612769

612769

FFFFFF

480D51

96589D

300039

B171B8

190023

CD8CD3

00000A

EAA6F0

000000

FFC2FF

FFDEFF

FFFBFF

612769

612769

601C69

623169

5E1269

643C69

5D0769

654769

5C0069

665169

675C69

696669

6A7169

6B7B69

6C8569

# Harmonies

## Analogous

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



2A3980



612769



781548

# Triad

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



612769



553B00



004E5A

# Complementary

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



612769



2F6927

# 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.



004E37



612769



344600

# Square

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



612769



6D2C03



004B12



004C77

# Rectangle

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



612769



7C1531



004B12



004E4F



# Sweetspot

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



612769



87708A



273069



433545



C4C4C4



454545



# Same Dimension

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



612769



7D228A



692751



353036



670075



D700F5



# Inverse Universe

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



69272F



8A222F



27693F



363031



75000E

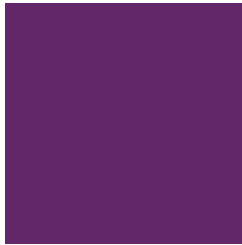


F5001E



# Previews

## White Background



This preview shows how the Hex color 612769 looks on a white background.

## Color Contrast Check

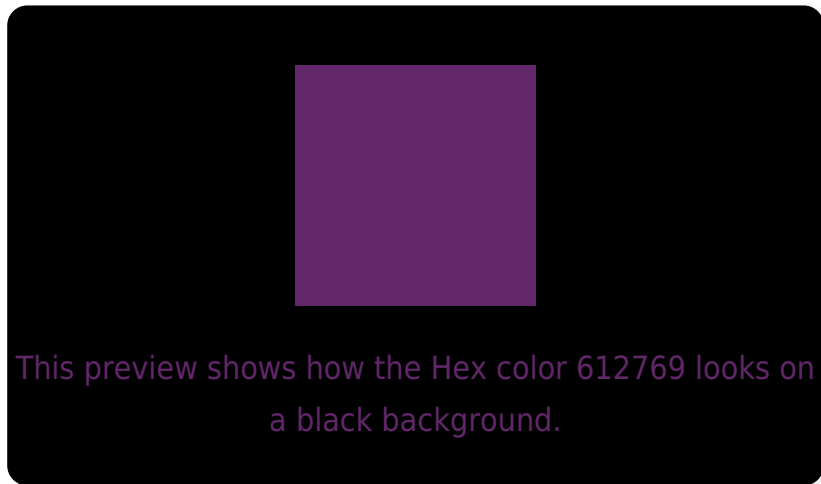
Large Text (above 18pt) WCAG AA ✓ Pass

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

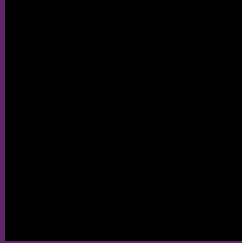
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 612769 Background



This preview shows how black text looks on a background with the Hex color 612769.

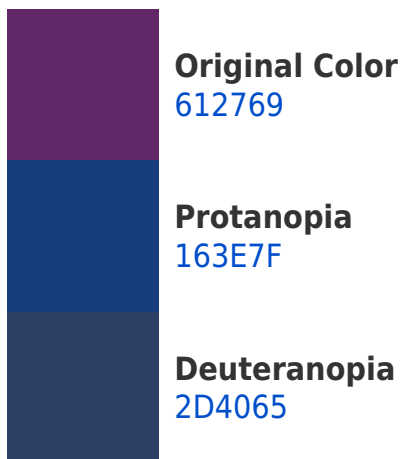



This preview shows how white text looks on a background with the Hex color 612769.

# 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**  
5B3539

# Trichromacy



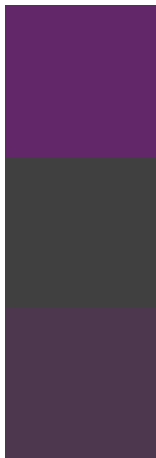
**Original Color**  
612769

**Protanomaly**  
313677

**Deuteranomaly**  
403766

**Tritanomaly**  
5D304A

# Monochromacy



**Original Color**  
612769

**Achromatopsia**  
404040

**Achromatomaly**  
4C374F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 612769 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 #612769 looks like.

```
.text, #text, p{  
    color:#612769  
}
```

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 #612769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612769
}
```

## Border

The CSS property to change the border of an element to Hex 612769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

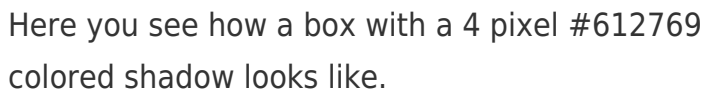
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612769 }
```

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

```
.border{ border-color:#612769 }
```

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



Here you see how a box with a 4 pixel #612769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612769; -webkit-box-shadow:4px 4px  
4px 4px #612769; box-shadow:4px 4px 4px  
4px #612769 }
```

# Background

The CSS property to change the background color of an element to Hex 612769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612769 }
```

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

```
.background{ background-color:#612769 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor