

# Converting Colors

Hex(612756)

Have a look what the booklet for  
Hex(612756) contains.

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# Color

**Hex(612756)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	612756
RGB	97, 39, 86
RGB Percent	38%, 15%, 34%
CMY	0.6196, 0.8471, 0.6627
CMYK	0.00, 0.60, 0.11, 0.62
HSL	311°, 43%, 27%
HSV	311°, 60%, 38%
XYZ	7.3350, 4.6643, 9.3178
YIQ	61.7000, 19.4810, 26.9130

# Conversions

## Conversions Part 2

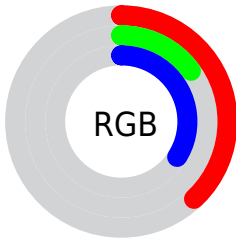
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 39, 86
Decimal	6367062
CIELab	25.76, 32.89, -16.14
CIElCh	26, 36.638, 333.860
Yxy	4.6643, 0.3441, 0.2188
Android (android.graphics.Color)	4284557142 (0xFF612756)
YUV	61.7000, 11.9799, 30.9581
Hunter-Lab	21.5970, 22.8292, -10.4621

# Details

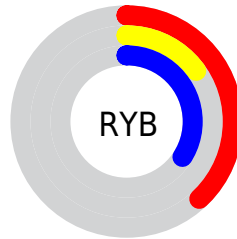
The Hex color **612756** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **276132**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **955788**, and **300029** is the 20% darker color. If you saturate the color by 10%, you get **611D54**, and if you desaturate by 10%, it is **613158**.

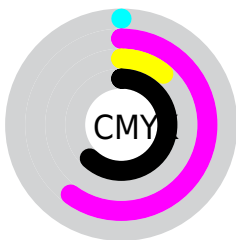
# Distribution



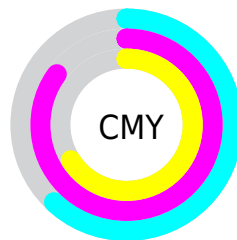
- Red (38%)
- Green (15%)
- Blue (34%)



- Red (38%)
- Yellow (15%)
- Blue (34%)



- Cyan (0%)
- Magenta (60%)
- Yellow (11%)
- Black (62%)



- Cyan (62%)
- Magenta (85%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 612756 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 612756 by changing the saturation by 10% instead.



 612756

 612756

FFFFFF

 480E3F

 955788

 300029

 B171A2

 170013

 CD8BBB

 000000

 E9A6D9

 FFC1F6

 FFDDEF

 FFFAFF

 612756

 612756

611D54

613158

611452

613A5A

610A50

61445C

61004F

614E5D

61585F

616161

616B63

617565

617E67

# Harmonies

## Analogous

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



42346B



612756



6E203B

# Triad

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



612756



473D00



00495B

# Complementary

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



612756



276132

# 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.



004A40



612756



2A4408

# Square

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



612756



5D3207



004823



00466F

# Rectangle

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



612756



6E2328



004823



004A53



# Sweetspot

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



612756



7D6679



322761



40323D



BFBFBF



404040



# Same Dimension

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



612756



7D236C



612739



302C30



70005B



F000C2



# Inverse Universe

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



612756



7D236C



27614F



302C30



70005B

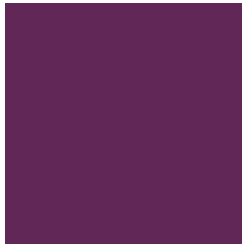


F000C2



# Previews

## White Background



This preview shows how the Hex color 612756 looks on a white background.

## Color Contrast Check

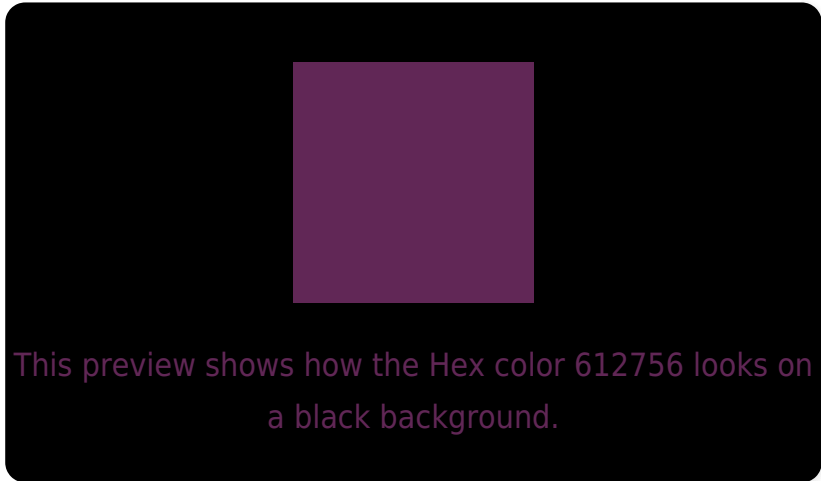
Large Text (above 18pt) WCAG AA ✓ Pass

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

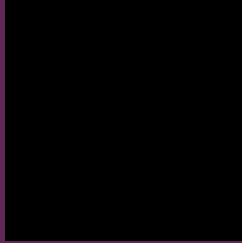
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 612756 Background



This preview shows how black text looks on a background with the Hex color 612756.

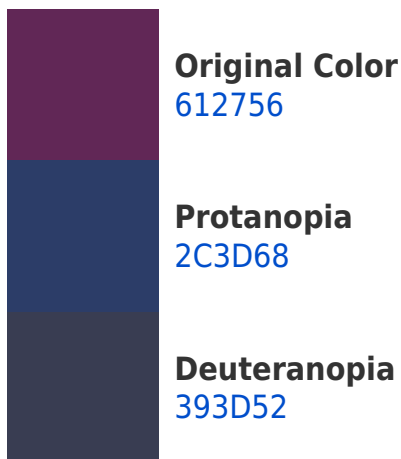


This preview shows how white text looks on a background with the Hex color 612756.

# 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**  
5D3033

# Trichromacy



**Original Color**  
612756

**Protanomaly**  
3F3561

**Deuteranomaly**  
483553

**Tritanomaly**  
5E2D40

# Monochromacy



**Original Color**  
612756

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
4B3647

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 612756 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 #612756 looks like.

```
.text, #text, p{  
    color:#612756  
}
```

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 #612756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612756
}
```

## Border

The CSS property to change the border of an element to Hex 612756 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".

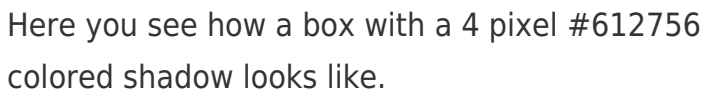
```
.border, #border, table{ border:4px solid
#612756 }
```

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

```
.border{ border-color:#612756 }
```

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

Here you see how a box with a 4 pixel #612756 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612756; -webkit-box-shadow:4px 4px  
4px 4px #612756; box-shadow:4px 4px 4px  
4px #612756 }
```

# Background

The CSS property to change the background color of an element to Hex 612756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612756 }
```

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

```
.background{ background-color:#612756 }
```

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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