

Converting Colors

Hex(613782)

Have a look what the booklet for
Hex(613782) contains.

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Color

Hex(613782)

Conversions

Conversions Part 1

Format	Color
Hex	613782
RGB	97, 55, 130
RGB Percent	38%, 22%, 51%
CMY	0.6196, 0.7843, 0.4902
CMYK	0.25, 0.58, 0.00, 0.49
HSL	274°, 41%, 36%
HSV	274°, 58%, 51%
XYZ	10.3252, 6.8855, 21.9039
YIQ	76.1080, 0.9570, 32.2290

Conversions

Conversions Part 2

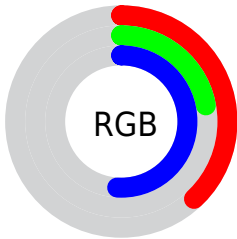
Format	Color
R_{YB}	97, 55, 130
Decimal	6371202
CIE _{Lab}	31.54, 33.64, -35.21
CIE _{LCh}	32, 48.700, 313.690
Yxy	6.8855, 0.2640, 0.1760
Android (android.graphics.Color)	4284561282 (0xFF613782)
YUV	76.1080, 26.5688, 18.3223
Hunter-Lab	26.2402, 24.3174, -31.1241

Details

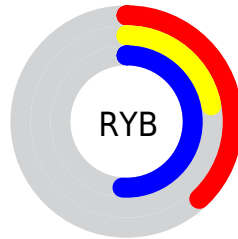
The Hex color **613782** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **588237**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9668B7**, and **2F0750** is the 20% darker color. If you saturate the color by 10%, you get **5B2A82**, and if you desaturate by 10%, it is **674482**.

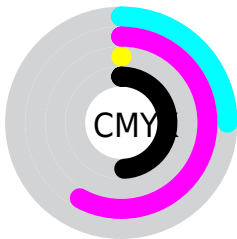
Distribution



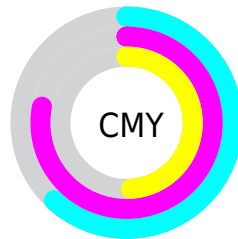
- Red (38%)
- Green (22%)
- Blue (51%)



- Red (38%)
- Yellow (22%)
- Blue (51%)



- Cyan (25%)
- Magenta (58%)
- Yellow (0%)
- Black (49%)



- Cyan (62%)
- Magenta (78%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613782 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 613782 by changing the saturation by 10% instead.

613782

613782

FFFFFF

482069

9668B7

2F0750

B181D3

1A0039

CD9CF0

000222

EAB7FF

000008

FFD3FF

000000

FFEFFF

613782

613782

5B2A82

674482

■ 561D82

■ 6C5182

■ 501082

■ 725E82

■ 4A0382

■ 786B82

■ 490082

■ 7E7882

■ 838582

■ 899282

■ 8F9F82

■ 94AC82

Harmonies

Analogous

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



004995



613782



832361

Triad

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



613782



6C4100



005B5B

Complementary

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



613782



588237

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.



005A33



613782



4B4E00

Square

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



613782



832E16



1B5609



005A7E

Rectangle

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



613782



8C1C47



1B5609



005B4E

Sweetspot

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



613782



9C8CA8



375982



4D4354



D4D4D4



545454

Same Dimension

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



613782



7534A8



82377E



3D3940



470080



000000

Inverse Universe

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



823758



A83467



37823B



40393C



800038



000000

Previews

White Background



This preview shows how the Hex color 613782 looks on a white background.

Color Contrast Check

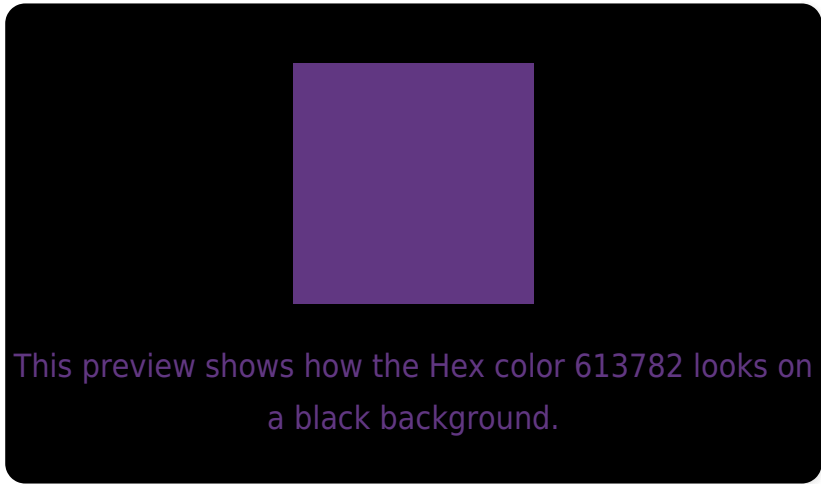
Large Text (above 18pt) WCAG AA ✓ Pass

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

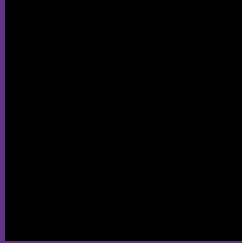
Any Text WCAG AA × Fail

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 613782 Background



This preview shows how black text looks on a background with the Hex color 613782.

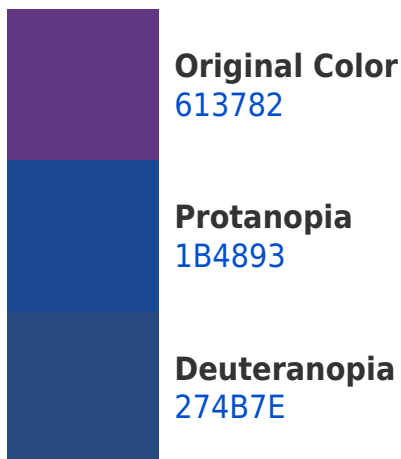


This preview shows how white text looks on a background with the Hex color 613782.

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
58464B

Trichromacy



Original Color
613782

Protanomaly
34428D

Deuteranomaly
3C447F

Tritanomaly
5B415F

Monochromacy



Original Color
613782

Achromatopsia
4C4C4C

Achromatomaly
544460

CSS Examples

Text

The CSS property to change the color of the text to Hex 613782 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 #613782 looks like.

```
.text, #text, p{  
    color:#613782  
}
```

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 #613782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613782
}
```

Border

The CSS property to change the border of an element to Hex 613782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

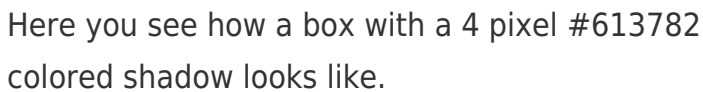
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613782 }
```

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

```
.border{ border-color:#613782 }
```

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



Here you see how a box with a 4 pixel #613782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613782; -webkit-box-shadow:4px 4px  
4px 4px #613782; box-shadow:4px 4px 4px  
4px #613782 }
```

Background

The CSS property to change the background color of an element to Hex 613782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613782 }
```

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

```
.background{ background-color:#613782 }
```

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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