

Converting Colors

Hex(613B82)

Have a look what the booklet for
Hex(613B82) contains.

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Color

Hex(613B82)

Conversions

Conversions Part 1

Format	Color
Hex	613B82
RGB	97, 59, 130
RGB Percent	38%, 23%, 51%
CMY	0.6196, 0.7686, 0.4902
CMYK	0.25, 0.55, 0.00, 0.49
HSL	272°, 38%, 37%
HSV	272°, 55%, 51%
XYZ	10.5230, 7.2810, 21.9698
YIQ	78.4560, -0.1430, 30.1370

Conversions

Conversions Part 2

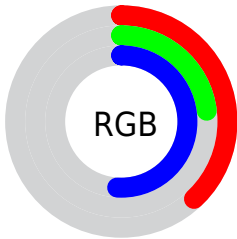
Format	Color
R_{YB}	97, 59, 130
Decimal	6372226
CIE _{Lab}	32.44, 31.30, -33.79
CIE _{LCh}	32, 46.062, 312.810
Yxy	7.2810, 0.2646, 0.1831
Android (android.graphics.Color)	4284562306 (0xFF613B82)
YUV	78.4560, 25.4112, 16.2631
Hunter-Lab	26.9834, 22.3907, -29.3855

Details

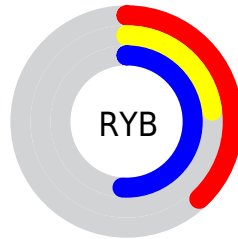
The Hex color **613B82** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5C823B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **966CB7**, and **2F0D50** is the 20% darker color. If you saturate the color by 10%, you get **5B2E82**, and if you desaturate by 10%, it is **674882**.

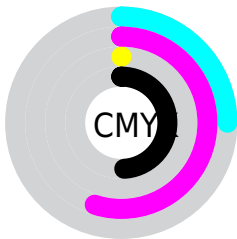
Distribution



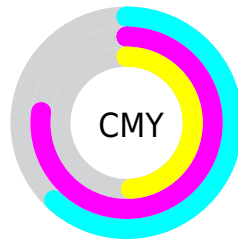
- Red (38%)
- Green (23%)
- Blue (51%)



- Red (38%)
- Yellow (23%)
- Blue (51%)



- Cyan (25%)
- Magenta (55%)
- Yellow (0%)
- Black (49%)



- Cyan (62%)
- Magenta (77%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613B82 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 613B82 by changing the saturation by 10% instead.

613B82

613B82

FFFFFF

482469

966CB7

2F0D50

B185D3

1A0039

CDA0F0

000222

EABBF0

000009

FFD7FF

000000

FFF4FF

613B82

613B82

5B2E82

674882

■ 552182

■ 6D5582

■ 4F1482

■ 736282

■ 490782

■ 796F82

■ 460082

■ 7F7C82

■ 858982

■ 8B9682

■ 91A382

■ 97B082

Harmonies

Analogous

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



0A4B94



613B82



822A63

Triad

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



613B82



6E4300



005D5B

Complementary

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



613B82



5C823B

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.



005B35



613B82



4E5000

Square

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



613B82



84321C



245710



005B7D

Rectangle

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



613B82



8B244A



245710



005D4F

Sweetspot

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



613B82



9C8DA8



3B5C82



4D4454



D4D4D4



545454

Same Dimension

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



613B82



7539A8



823B80



3D3940



440080



000000

Inverse Universe

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



823B5C



A8396D



3B823D



40393C



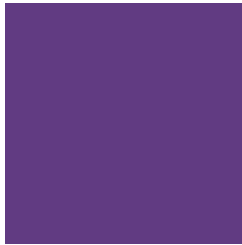
80003B



000000

Previews

White Background



This preview shows how the Hex color 613B82 looks on a white background.

Color Contrast Check

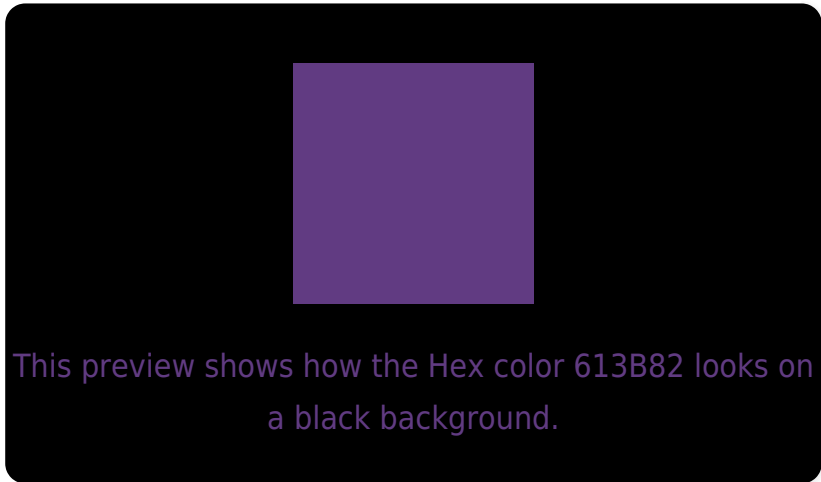
Large Text (above 18pt) WCAG AA ✓ Pass

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

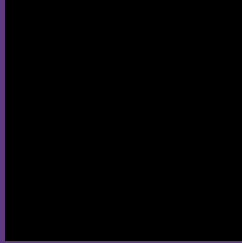
Any Text WCAG AA × Fail

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 613B82 Background



This preview shows how black text looks on a background with the Hex color 613B82.



This preview shows how white text looks on a background with the Hex color 613B82.

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
613B82

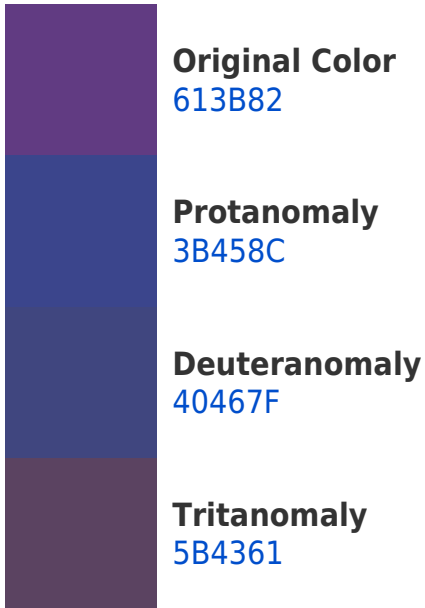
Protanopia
264A91

Deuteranopia
2D4D7E

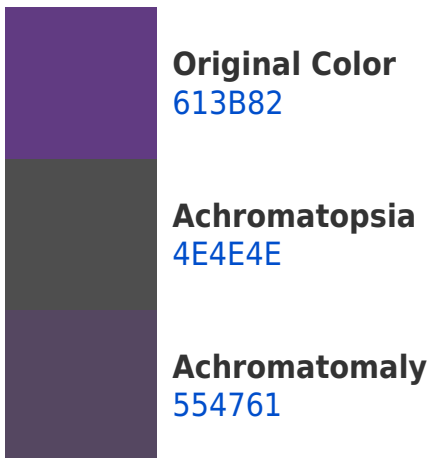


Tritanopia
58484E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 613B82 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 #613B82 looks like.

```
.text, #text, p{  
    color:#613B82  
}
```

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 #613B82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613B82
}
```

Border

The CSS property to change the border of an element to Hex 613B82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

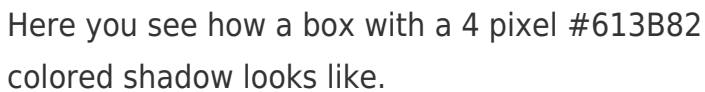
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613B82 }
```

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

```
.border{ border-color:#613B82 }
```

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



Here you see how a box with a 4 pixel #613B82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613B82; -webkit-box-shadow:4px 4px  
4px 4px #613B82; box-shadow:4px 4px 4px  
4px #613B82 }
```

Background

The CSS property to change the background color of an element to Hex 613B82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613B82 }
```

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

```
.background{ background-color:#613B82 }
```

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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