

Converting Colors

Hex(613587)

Have a look what the booklet for
Hex(613587) contains.

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Color

Hex(613587)

Conversions

Conversions Part 1

Format	Color
Hex	613587
RGB	97, 53, 135
RGB Percent	38%, 21%, 53%
CMY	0.6196, 0.7922, 0.4706
CMYK	0.28, 0.61, 0.00, 0.47
HSL	272°, 44%, 37%
HSV	272°, 61%, 53%
XYZ	10.5760, 6.8369, 23.6839
YIQ	75.5040, -0.0980, 34.8300

Conversions

Conversions Part 2

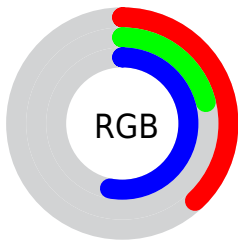
Format	Color
R_{YB}	97, 53, 135
Decimal	6370695
CIE _{Lab}	31.43, 36.04, -38.50
CIE _{LCh}	31, 52.736, 313.110
Yxy	6.8369, 0.2573, 0.1664
Android (android.graphics.Color)	4284560775 (0xFF613587)
YUV	75.5040, 29.3315, 18.8520
Hunter-Lab	26.1474, 26.4414, -35.4008

Details

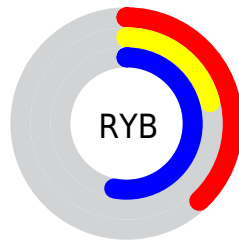
The Hex color **613587** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5B8735**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9666BD**, and **2E0454** is the 20% darker color. If you saturate the color by 10%, you get **5B2887**, and if you desaturate by 10%, it is **674387**.

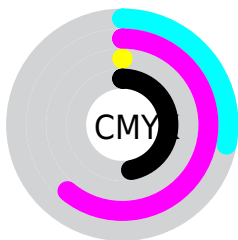
Distribution



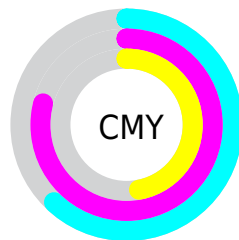
- Red (38%)
- Green (21%)
- Blue (53%)



- Red (38%)
- Yellow (21%)
- Blue (53%)



- Cyan (28%)
- Magenta (61%)
- Yellow (0%)
- Black (47%)



- Cyan (62%)
- Magenta (79%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613587 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 613587 by changing the saturation by 10% instead.

■ 613587

■ 613587

FFFFFF

■ 471D6D

■ 9666BD

■ 2E0454

■ B280D9

■ 19003D

■ CE9AF6

■ 000326

■ EBB5FF

■ 00010F

■ FFD1FF

■ 000000

■ FFEDFF

■ 613587

■ 613587

■ 5B2887

■ 674387

■ 541A87

■ 6E5087

■ 4E0D87

■ 745E87

■ 480087

■ 7A6B87

■ 807987

■ 878687

■ 8D9487

■ 93A187

■ 99AF87

Harmonies

Analogous

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



00499B



613587



871C63

Triad

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



613587



6E3F00



005C5C

Complementary

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



613587



5B8735

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.



005A30



613587



4B4E00

Square

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



613587



872A12



145600



005B82

Rectangle

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



613587



901148



145600



005C4D

Sweetspot

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



613587



A190B0



355B87



504659



D9D9D9



595959

Same Dimension

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



613587



7430B0



873584



3F3C42



460082



010003

Inverse Universe

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



87355B



B0306B



358738



423C3F



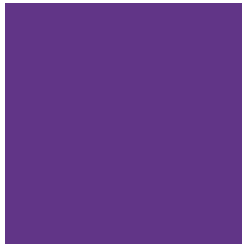
82003C



030001

Previews

White Background



This preview shows how the Hex color 613587 looks on a white background.

Color Contrast Check

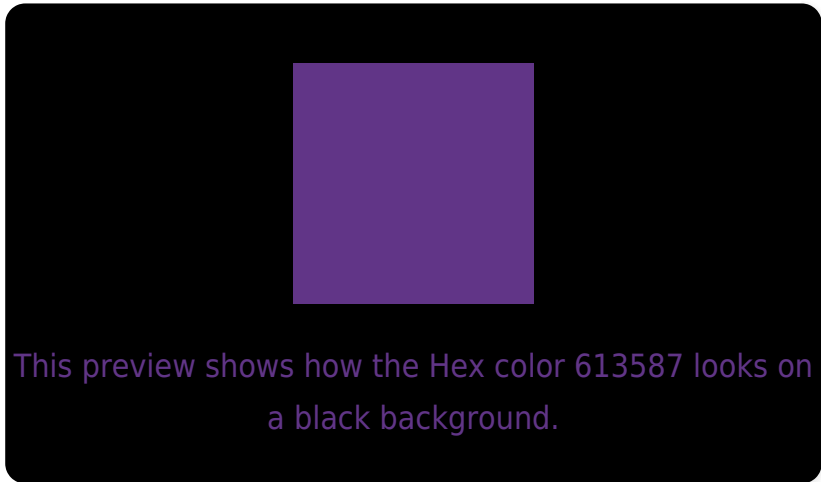
Large Text (above 18pt) WCAG AA ✓ Pass

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

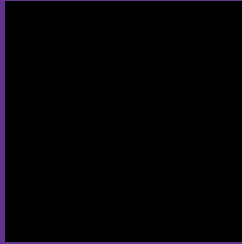
Any Text WCAG AA × Fail

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 613587 Background



This preview shows how black text looks on a background with the Hex color 613587.

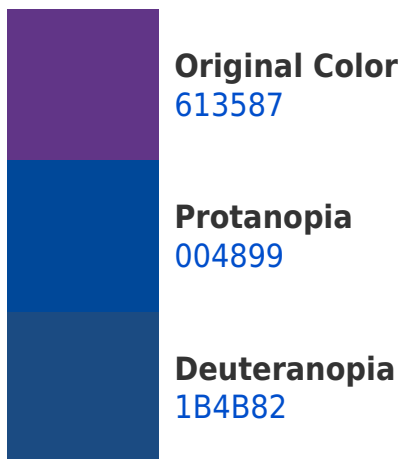


This preview shows how white text looks on a background with the Hex color 613587.

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](#).

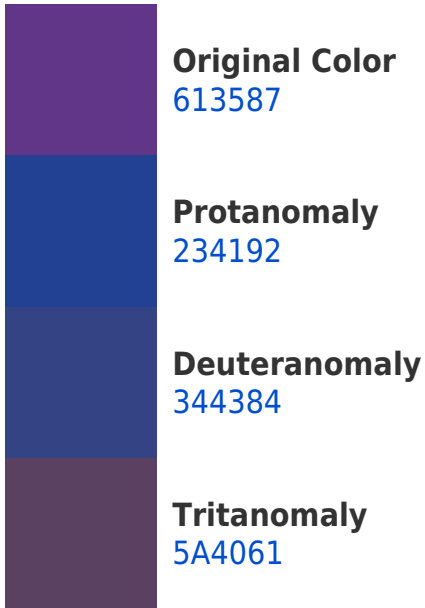
Dichromacy



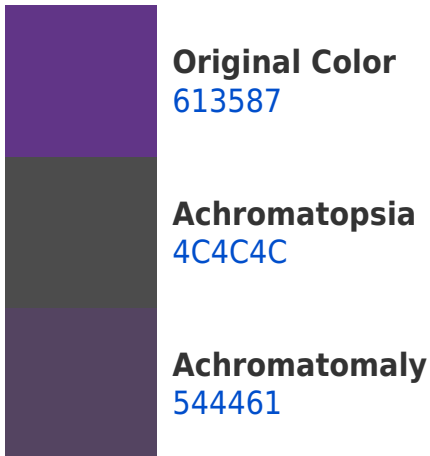


Tritanopia
56464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 613587 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 #613587 looks like.

```
.text, #text, p{  
    color:#613587  
}
```

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 #613587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613587
}
```

Border

The CSS property to change the border of an element to Hex 613587 is called "border". The border property can be set on classes, ids or directly on the HTML element.

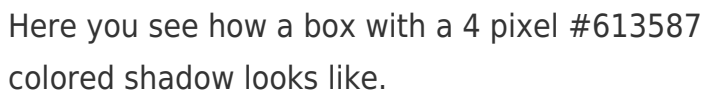
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613587 }
```

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

```
.border{ border-color:#613587 }
```

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



Here you see how a box with a 4 pixel #613587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613587; -webkit-box-shadow:4px 4px  
4px 4px #613587; box-shadow:4px 4px 4px  
4px #613587 }
```

Background

The CSS property to change the background color of an element to Hex 613587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613587 }
```

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

```
.background{ background-color:#613587 }
```

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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