

Converting Colors

Hex(613E8A)

Have a look what the booklet for
Hex(613E8A) contains.

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Color

Hex(613E8A)

Conversions

Conversions Part 1

Format	Color
Hex	613E8A
RGB	97, 62, 138
RGB Percent	38%, 24%, 54%
CMY	0.6196, 0.7569, 0.4588
CMYK	0.30, 0.55, 0.00, 0.46
HSL	268°, 38%, 39%
HSV	268°, 55%, 54%
XYZ	11.2398, 7.8216, 24.9621
YIQ	81.1290, -3.5360, 31.0560

Conversions

Conversions Part 2

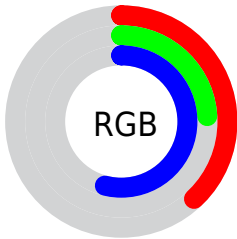
Format	Color
R_{YB}	97, 62, 138
Decimal	6373002
CIE _{Lab}	33.61, 31.59, -36.87
CIE _{LCh}	34, 48.556, 310.587
Yxy	7.8216, 0.2553, 0.1777
Android (android.graphics.Color)	4284563082 (0xFF613E8A)
YUV	81.1290, 28.0374, 13.9189
Hunter-Lab	27.9671, 22.7956, -33.3423

Details

The Hex color **613E8A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **678A3E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **966FC0**, and **2E1057** is the 20% darker color. If you saturate the color by 10%, you get **5A308A**, and if you desaturate by 10%, it is **684C8A**.

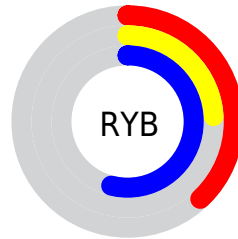
Distribution



Red (38%)

Green (24%)

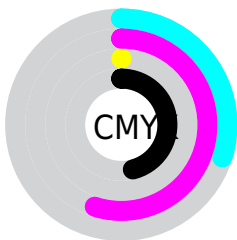
Blue (54%)



Red (38%)

Yellow (24%)

Blue (54%)

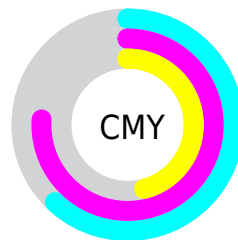


Cyan (30%)

Magenta (55%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (76%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613E8A 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 613E8A by changing the saturation by 10% instead.

613E8A

613E8A

FFFFFF

482770

966FC0

2E1057

B189DC

170040

CDA3F9

000029

EABEFF

000113

FFDAFF

000000

FFF7FF

613E8A

613E8A

5A308A

684C8A

■ 52228A

■ 705A8A

■ 4B158A

■ 77678A

■ 43078A

■ 7F758A

■ 40008A

■ 86838A

■ 8E918A

■ 959F8A

■ 9DAC8A

■ A4BA8A

Harmonies

Analogous

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



004F9B



613E8A



862B69

Triad

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



613E8A



744400



00605C

Complementary

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



613E8A



678A3E

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.



005F34



613E8A



545200

Square

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



613E8A



8B321E



285A0A



005F80

Rectangle

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



613E8A



912350



285A0A



00604F

Sweetspot

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



613E8A



A294B3



3E688A



504759



D9D9D9



595959

Same Dimension

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



613E8A



733DB3



863E8A



413E45



3D0085



020005

Inverse Universe

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



8A3E67



B33D7C



428A3E



453E42



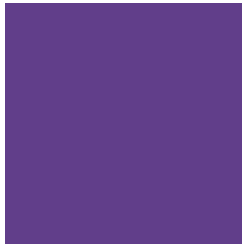
850048



050003

Previews

White Background



This preview shows how the Hex color 613E8A 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

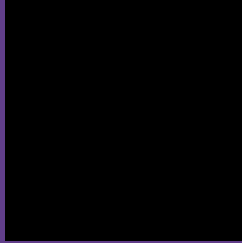
Any Text WCAG AA × Fail

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 613E8A Background



This preview shows how black text looks on a background with the Hex color 613E8A.



This preview shows how white text looks on a background with the Hex color 613E8A.

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
574C52

Trichromacy



Original Color
613E8A

Protanomaly
3A4894

Deuteranomaly
3D4987

Tritanomaly
5B4766

Monochromacy



Original Color
613E8A

Achromatopsia
515151

Achromatomaly
574A66

CSS Examples

Text

The CSS property to change the color of the text to Hex 613E8A 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 #613E8A looks like.

```
.text, #text, p{  
    color:#613E8A  
}
```

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 #613E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613E8A
}
```

Border

The CSS property to change the border of an element to Hex 613E8A 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
#613E8A }
```

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

```
.border{ border-color:#613E8A }
```

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

Here you see how a box with a 4 pixel #613E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613E8A; -webkit-box-shadow:4px 4px  
4px 4px #613E8A; box-shadow:4px 4px 4px  
4px #613E8A }
```

Background

The CSS property to change the background color of an element to Hex 613E8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613E8A }
```

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

```
.background{ background-color:#613E8A }
```

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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