

Converting Colors

Hex(613A5B)

Have a look what the booklet for
Hex(613A5B) contains.

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Color

Hex(613A5B)

Conversions

Conversions Part 1

Format	Color
Hex	613A5B
RGB	97, 58, 91
RGB Percent	38%, 23%, 36%
CMY	0.6196, 0.7725, 0.6431
CMYK	0.00, 0.40, 0.06, 0.62
HSL	309°, 25%, 30%
HSV	309°, 40%, 38%
XYZ	8.3311, 6.3228, 10.6789
YIQ	73.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

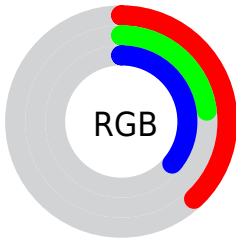
Format	Color
R_{YB}	97, 58, 91
Decimal	6371931
CIE _{Lab}	30.21, 22.91, -12.56
CIE _{LCh}	30, 26.127, 331.278
Yxy	6.3228, 0.3289, 0.2496
Android (android.graphics.Color)	4284562011 (0xFF613A5B)
YUV	73.4230, 8.6655, 20.6770
Hunter-Lab	25.1452, 15.1367, -7.5780

Details

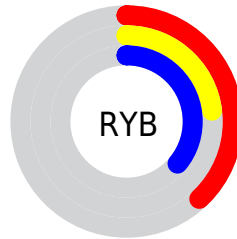
The Hex color **613A5B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A6140**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **946A8D**, and **310E2D** is the 20% darker color. If you saturate the color by 10%, you get **61305A**, and if you desaturate by 10%, it is **61445C**.

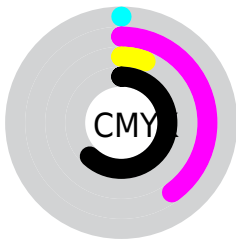
Distribution



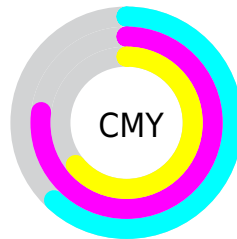
- Red (38%)
- Green (23%)
- Blue (36%)



- Red (38%)
- Yellow (23%)
- Blue (36%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (62%)



- Cyan (62%)
- Magenta (77%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613A5B 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 613A5B by changing the saturation by 10% instead.

613A5B

613A5B

FFFFFF

492343

946A8D

310E2D

AF84A8

1F0019

CB9EC3

000000

E7B9DF

FFD5FB

FFF1FF

613A5B

613A5B

61305A

61445C

■ 612758

■ 614D5E

■ 611D57

■ 61575F

■ 611355

■ 616161

■ 610954

■ 616B62

■ 610052

■ 617464

■ 617E65

■ 618867

■ 619168

Harmonies

Analogous

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



4A416A



613A5B



6C3647

Triad

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



613A5B



52461D



00515C

Complementary

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



613A5B



3A6140

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.



005247



613A5B



3E4C23

Square

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



613A5B



633F24



245033



004E6A

Rectangle

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



613A5B



6E3739



245033



005155

Sweetspot

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



613A5B



7D6E7B



403A61



40373E



BFBFBF



404040

Same Dimension

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



613A5B



7D4174



613A48



302C30



70005F



F000CB

Inverse Universe

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



613A5B



7D4174



3A6153



302C30



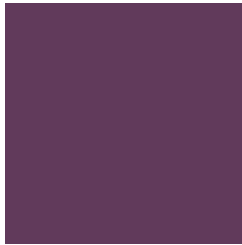
70005F



F000CB

Previews

White Background



This preview shows how the Hex color 613A5B looks on a white background.

Color Contrast Check

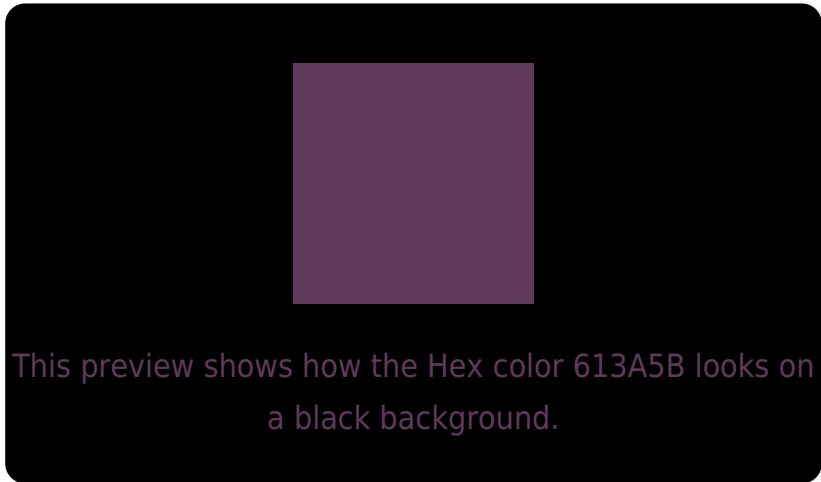
Large Text (above 18pt) WCAG AA ✓ Pass

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

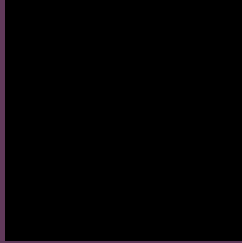
Any Text WCAG AA × Fail

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 613A5B Background



This preview shows how black text looks on a background with the Hex color 613A5B.



This preview shows how white text looks on a background with the Hex color 613A5B.

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
613A5B

Protanopia
3E4764

Deuteranopia
464659



Tritanopia
5E3F44

Trichromacy



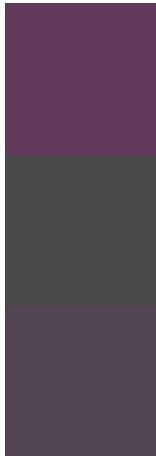
Original Color
613A5B

Protanomaly
4B4261

Deuteranomaly
50425A

Tritanomaly
5F3D4C

Monochromacy



Original Color
613A5B

Achromatopsia
494949

Achromatomaly
524450

CSS Examples

Text

The CSS property to change the color of the text to Hex 613A5B 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 #613A5B looks like.

```
.text, #text, p{  
    color:#613A5B  
}
```

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 #613A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613A5B
}
```

Border

The CSS property to change the border of an element to Hex 613A5B 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
#613A5B }
```

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

```
.border{ border-color:#613A5B }
```

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

Here you see how a box with a 4 pixel #613A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613A5B; -webkit-box-shadow:4px 4px  
4px 4px #613A5B; box-shadow:4px 4px 4px  
4px #613A5B }
```

Background

The CSS property to change the background color of an element to Hex 613A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613A5B }
```

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

```
.background{ background-color:#613A5B }
```

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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