

Converting Colors

Hex(613A53)

Have a look what the booklet for
Hex(613A53) contains.

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Color

Hex(613A53)

Conversions

Conversions Part 1

Format	Color
Hex	613A53
RGB	97, 58, 83
RGB Percent	38%, 23%, 33%
CMY	0.6196, 0.7725, 0.6745
CMYK	0.00, 0.40, 0.14, 0.62
HSL	322°, 25%, 30%
HSV	322°, 40%, 38%
XYZ	8.0042, 6.1920, 8.9569
YIQ	72.5110, 15.2190, 16.0430

Conversions

Conversions Part 2

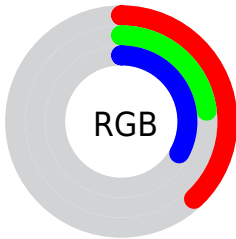
Format	Color
R _Y B	97, 58, 83
Decimal	6371923
CIE Lab	29.89, 21.35, -7.86
CIE LCh	30, 22.751, 339.794
Yxy	6.1920, 0.3457, 0.2674
Android (android.graphics.Color)	4284562003 (0xFF613A53)
YUV	72.5110, 5.1711, 21.4769
Hunter-Lab	24.8838, 13.8699, -3.9228

Details

The Hex color **613A53** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A6148**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **946A84**, and **310E26** is the 20% darker color. If you saturate the color by 10%, you get **613050**, and if you desaturate by 10%, it is **614456**.

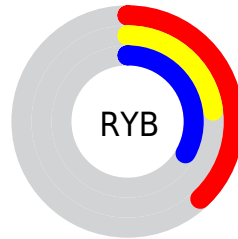
Distribution



Red (38%)

Green (23%)

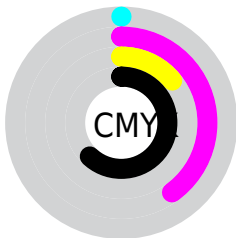
Blue (33%)



Red (38%)

Yellow (23%)

Blue (33%)

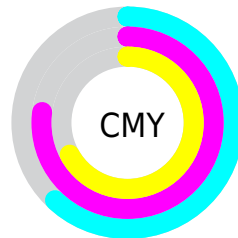


Cyan (0%)

Magenta (40%)

Yellow (14%)

Black (62%)



Cyan (62%)

Magenta (77%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613A53 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 613A53 by changing the saturation by 10% instead.



613A53



613A53

FFFFFF



49243C



946A84



310E26



AF839F



1F0012



CB9EBA



000000



E7B9D5



FFD5F2



FFF1FF



613A53



613A53



613050



614456

61274C

614D5A

611D49

61575D

611345

616161

610942

616B64

61003E

617468

617E6B

61886F

619172

Harmonies

Analogous

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



504062



613A53



683841

Triad

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



613A53



4C4723



004F5C

Complementary

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



613A53



3A6148

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.



00504C



613A53



394C2B

Square

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



613A53



5C4125



224F3A



0F4C67

Rectangle

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



613A53



683A36



224F3A



004F57

Sweetspot

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



613A53



7D6E78



483A61



40373D



BFBFBF



404040

Same Dimension

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



613A53



7D4167



613A40



302C2F



700048



F0009A

Inverse Universe

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



613A53



7D4167



3A615B



302C2F



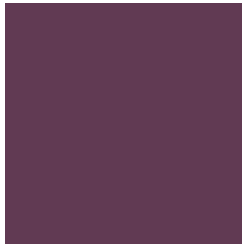
700048



F0009A

Previews

White Background



This preview shows how the Hex color 613A53 looks on a white background.

Color Contrast Check

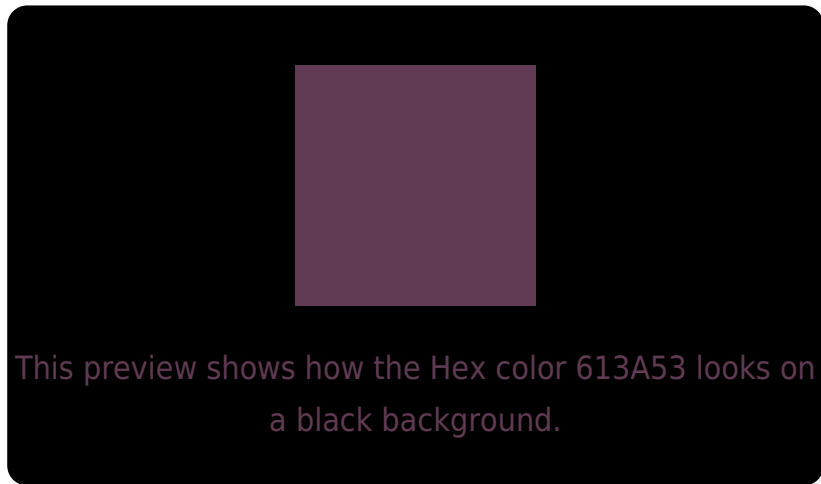
Large Text (above 18pt) WCAG AA ✓ Pass

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

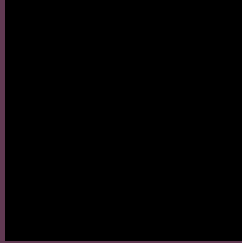
Any Text WCAG AA × Fail

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 613A53 Background



This preview shows how black text looks on a background with the Hex color 613A53.



This preview shows how white text looks on a background with the Hex color 613A53.

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
613A53

Protanopia
41465B

Deuteranopia
494551



Tritanopia
5F3D42

Trichromacy



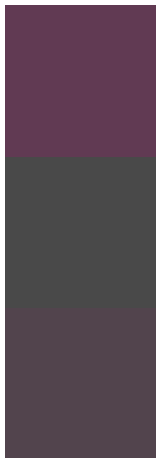
Original Color
613A53

Protanomaly
4D4258

Deuteranomaly
524152

Tritanomaly
603C48

Monochromacy



Original Color
613A53

Achromatopsia
494949

Achromatomaly
52444D

CSS Examples

Text

The CSS property to change the color of the text to Hex 613A53 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 #613A53 looks like.

```
.text, #text, p{  
    color:#613A53  
}
```

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 #613A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613A53
}
```

Border

The CSS property to change the border of an element to Hex 613A53 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
#613A53 }
```

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

```
.border{ border-color:#613A53 }
```

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

Here you see how a box with a 4 pixel #613A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613A53; -webkit-box-shadow:4px 4px  
4px 4px #613A53; box-shadow:4px 4px 4px  
4px #613A53 }
```

Background

The CSS property to change the background color of an element to Hex 613A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613A53 }
```

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

```
.background{ background-color:#613A53 }
```

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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