

Converting Colors

Hex(613D61)

Have a look what the booklet for
Hex(613D61) contains.

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Color

Hex(613D61)

Conversions

Conversions Part 1

Format	Color
Hex	613D61
RGB	97, 61, 97
RGB Percent	38%, 24%, 38%
CMY	0.6196, 0.7608, 0.6196
CMYK	0.00, 0.37, 0.00, 0.62
HSL	300°, 23%, 31%
HSV	300°, 37%, 38%
XYZ	8.7562, 6.7419, 12.1491
YIQ	75.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

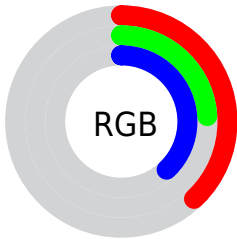
Format	Color
RYB	97, 61, 97
Decimal	6372705
CIELab	31.21, 22.32, -14.88
CIELCh	31, 26.828, 326.301
Yxy	6.7419, 0.3167, 0.2439
Android (android.graphics.Color)	4284562785 (0xFF613D61)
YUV	75.8680, 10.4181, 18.5328
Hunter-Lab	25.9652, 14.7558, -9.5660

Details

The Hex color **613D61** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D613D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **946D94**, and **311132** is the 20% darker color. If you saturate the color by 10%, you get **613361**, and if you desaturate by 10%, it is **614761**.

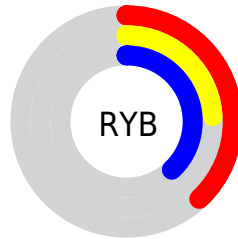
Distribution



Red (38%)

Green (24%)

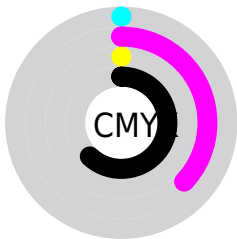
Blue (38%)



Red (38%)

Yellow (24%)

Blue (38%)

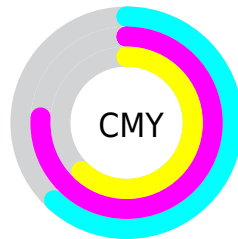


Cyan (0%)

Magenta (37%)

Yellow (0%)

Black (62%)



Cyan (62%)

Magenta (76%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613D61 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 613D61 by changing the saturation by 10% instead.

■ 613D61

■ 613D61

FFFFFF

■ 492649

■ 946D94

■ 311132

■ AF87AE

■ 1F001E

■ CBA1CA

■ 000000

■ E7BCE6

■ FFD8FF

■ FFF5FF

■ 613D61

■ 613D61

■ 613361

■ 614761

■ 612A61

■ 615061

■ 612061

■ 615A61

■ 611661

■ 616461

■ 610C61

■ 616E61

■ 610361

■ 617761

■ 610061

■ 618161

■ 618B61

■ 619461

Harmonies

Analogous

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



47456F



613D61



6F384D

Triad

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



613D61



58471F



00545B

Complementary

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



613D61



3D613D

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.



005446



613D61



434E22

Square

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



613D61



684027



2A5231



00526C

Rectangle

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



613D61



71383F



2A5231



005455

Sweetspot

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



613D61



7D6F7D



3D3D61



403740



BFBFBF



404040

Same Dimension

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



613D61



7D457D



613D4F



302C30



700070



F000F0

Inverse Universe

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



613D61



7D457D



3D614F



302C30



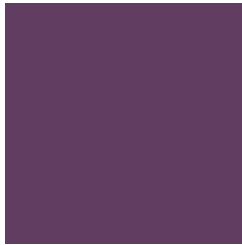
700070



F000F0

Previews

White Background



This preview shows how the Hex color 613D61 looks on a white background.

Color Contrast Check

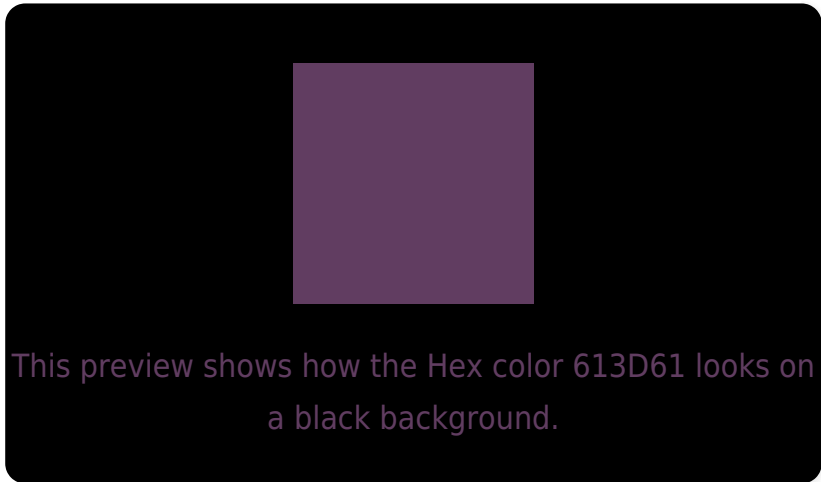
Large Text (above 18pt) WCAG AA ✓ Pass

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

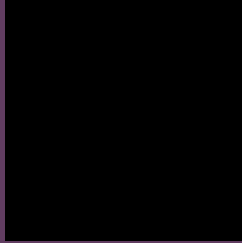
Any Text WCAG AA × Fail

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 613D61 Background



This preview shows how black text looks on a background with the Hex color 613D61.

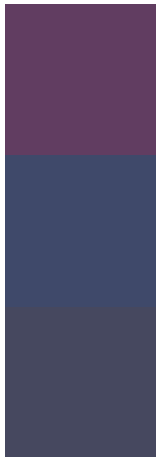


This preview shows how white text looks on a background with the Hex color 613D61.

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
613D61

Protanopia
3F496A

Deuteranopia
46485F



Tritanopia
5E4247

Trichromacy



Original Color
613D61

Protanomaly
4B4567

Deuteranomaly
504460

Tritanomaly
5F4050

Monochromacy



Original Color
613D61

Achromatopsia
4C4C4C

Achromatomaly
544754

CSS Examples

Text

The CSS property to change the color of the text to Hex 613D61 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 #613D61 looks like.

```
.text, #text, p{  
    color:#613D61  
}
```

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 #613D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613D61
}
```

Border

The CSS property to change the border of an element to Hex 613D61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

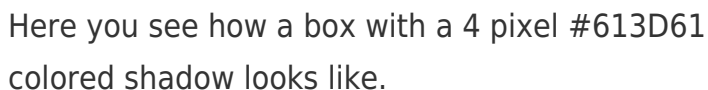
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613D61 }
```

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

```
.border{ border-color:#613D61 }
```

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



Here you see how a box with a 4 pixel #613D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613D61; -webkit-box-shadow:4px 4px  
4px 4px #613D61; box-shadow:4px 4px 4px  
4px #613D61 }
```

Background

The CSS property to change the background color of an element to Hex 613D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613D61 }
```

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

```
.background{ background-color:#613D61 }
```

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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