

Converting Colors

Hex(5F3D62)

Have a look what the booklet for
Hex(5F3D62) contains.

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Color

Hex(5F3D62)

Conversions

Conversions Part 1

Format	Color
Hex	5F3D62
RGB	95, 61, 98
RGB Percent	37%, 24%, 38%
CMY	0.6275, 0.7608, 0.6157
CMYK	0.03, 0.38, 0.00, 0.62
HSL	295°, 23%, 31%
HSV	295°, 38%, 38%
XYZ	8.5927, 6.6522, 12.3864
YIQ	75.3840, 8.3870, 18.7150

Conversions

Conversions Part 2

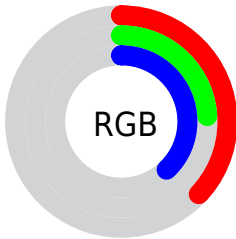
Format	Color
RYB	95, 61, 98
Decimal	6241634
CIELab	31.00, 21.81, -15.87
CIElCh	31, 26.974, 323.960
Yxy	6.6522, 0.3110, 0.2407
Android (android.graphics.Color)	4284431714 (0xFF5F3D62)
YUV	75.3840, 11.1497, 17.2032
Hunter-Lab	25.7919, 14.3321, -10.4193

Details

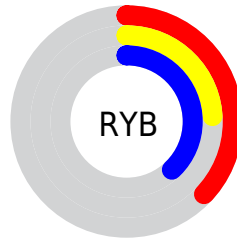
The Hex color **5F3D62** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40623D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **926D95**, and **301133** is the 20% darker color. If you saturate the color by 10%, you get **5E3362**, and if you desaturate by 10%, it is **604762**.

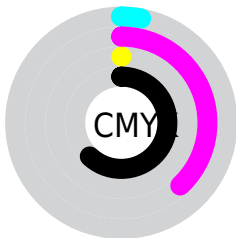
Distribution



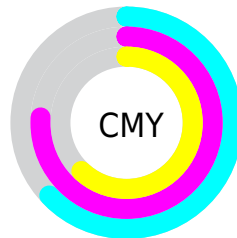
- Red (37%)
- Green (24%)
- Blue (38%)



- Red (37%)
- Yellow (24%)
- Blue (38%)



- Cyan (3%)
- Magenta (38%)
- Yellow (0%)
- Black (62%)



- Cyan (63%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F3D62 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 5F3D62 by changing the saturation by 10% instead.



5F3D62



5F3D62

FFFFFF



47264A



926D95



301133



AD87B0



1E001F



C9A1CB



000001



E5BCE7



000000



FFD8FF



FFF5FF



5F3D62



5F3D62



5E3362



604762

■ 5D2962

■ 615162

■ 5D2062

■ 615A62

■ 5C1662

■ 626462

■ 5B0C62

■ 636E62

■ 5A0262

■ 647862

■ 5A0062

■ 658262

■ 658B62

■ 669562

Harmonies

Analogous

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



44456F



5F3D62



6E384E

Triad

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



5F3D62



59461E



005459

Complementary

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



5F3D62



40623D

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.



005344



5F3D62



454D21

Square

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



5F3D62



693F27



2B512F



00516B

Rectangle

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



5F3D62



713840



2B512F



005452

Sweetspot

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



5F3D62



7E7180



3D4062



3F3740



BFBFBF



404040

Same Dimension

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



5F3D62



7B4680



623D53



302C30



670070



DC00F0

Inverse Universe

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



623D40



80464B



3D624C



302C2C



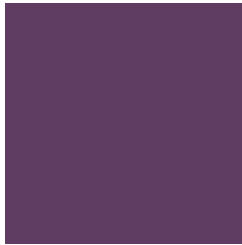
700009



F00013

Previews

White Background



This preview shows how the Hex color 5F3D62 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

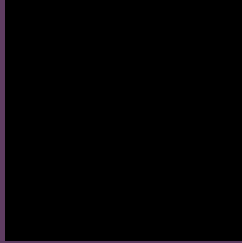
Any Text WCAG AA × Fail

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 5F3D62 Background



This preview shows how black text looks on a background with the Hex color 5F3D62.



This preview shows how white text looks on a background with the Hex color 5F3D62.

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
5F3D62

Protanopia
3E486B

Deuteranopia
444860



Tritanopia
5B4348

Trichromacy



Original Color
5F3D62

Protanomaly
4A4468

Deuteranomaly
4E4461

Tritanomaly
5C4151

Monochromacy



Original Color
5F3D62

Achromatopsia
4B4B4B

Achromatomaly
524653

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F3D62 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 #5F3D62 looks like.

```
.text, #text, p{  
    color:#5F3D62  
}
```

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 #5F3D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3D62
}
```

Border

The CSS property to change the border of an element to Hex 5F3D62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

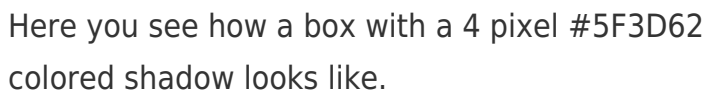
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F3D62 }
```

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

```
.border{ border-color:#5F3D62 }
```

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



Here you see how a box with a 4 pixel #5F3D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3D62; -webkit-box-shadow:4px 4px  
4px 4px #5F3D62; box-shadow:4px 4px 4px  
4px #5F3D62 }
```

Background

The CSS property to change the background color of an element to Hex 5F3D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3D62 }
```

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

```
.background{ background-color:#5F3D62 }
```

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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