

Converting Colors

Hex(5D3E62)

Have a look what the booklet for
Hex(5D3E62) contains.

Hex(5D3E62)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D3E62)

Conversions

Conversions Part 1

Format	Color
Hex	5D3E62
RGB	93, 62, 98
RGB Percent	36%, 24%, 38%
CMY	0.6353, 0.7569, 0.6157
CMYK	0.05, 0.37, 0.00, 0.62
HSL	292°, 23%, 31%
HSV	292°, 37%, 38%
XYZ	8.4414, 6.6542, 12.3948
YIQ	75.3730, 6.9200, 17.7680

Conversions

Conversions Part 2

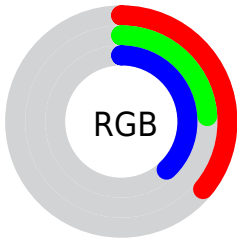
Format	Color
RYB	93, 62, 98
Decimal	6110818
CIELab	31.01, 20.47, -15.88
CIElCh	31, 25.907, 322.186
Yxy	6.6542, 0.3071, 0.2421
Android (android.graphics.Color)	4284300898 (0xFF5D3E62)
YUV	75.3730, 11.1551, 15.4589
Hunter-Lab	25.7958, 13.2697, -10.4315

Details

The Hex color **5D3E62** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43623E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **906E95**, and **2E1233** is the 20% darker color. If you saturate the color by 10%, you get **5C3462**, and if you desaturate by 10%, it is **5E4862**.

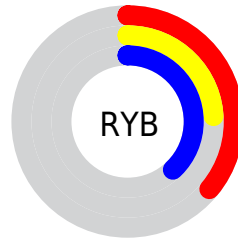
Distribution



Red (36%)

Green (24%)

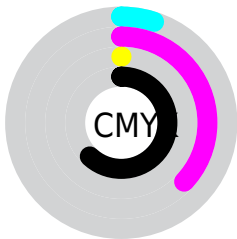
Blue (38%)



Red (36%)

Yellow (24%)

Blue (38%)

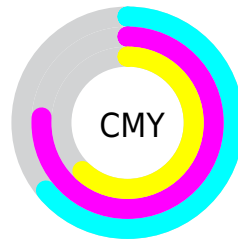


Cyan (5%)

Magenta (37%)

Yellow (0%)

Black (62%)



Cyan (64%)

Magenta (76%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3E62 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 5D3E62 by changing the saturation by 10% instead.



5D3E62



5D3E62

FFFFFF



45284A



906E95



2E1233



AB88B0



1C001F



C6A2CB



000001



E2BDE7



000000



FFD9FF



FFF6FF



5D3E62



5D3E62



5C3462



5E4862

■ 5A2A62

■ 605262

■ 592162

■ 615B62

■ 581762

■ 626562

■ 560D62

■ 646F62

■ 550362

■ 657962

■ 540062

■ 678362

■ 688C62

■ 699662

Harmonies

Analogous

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



42466E



5D3E62



6C394F

Triad

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



5D3E62



5A4620



005358

Complementary

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



5D3E62



43623E

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.



095343



5D3E62



464C22

Square

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



5D3E62



683F2A



2E512F



005168

Rectangle

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



5D3E62



6F3841



2E512F



005351

Sweetspot

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



5D3E62



7E7180



3E4362



3F3740



BFBFBF



404040

Same Dimension

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



5D3E62



784780



623E55



302C30



610070



CE00F0

Inverse Universe

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



623E43



80474F



3E624B



302C2C



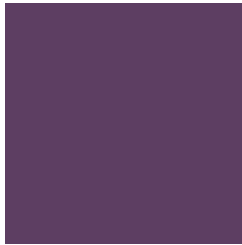
700010



F00021

Previews

White Background



This preview shows how the Hex color 5D3E62 looks on a white background.

Color Contrast Check

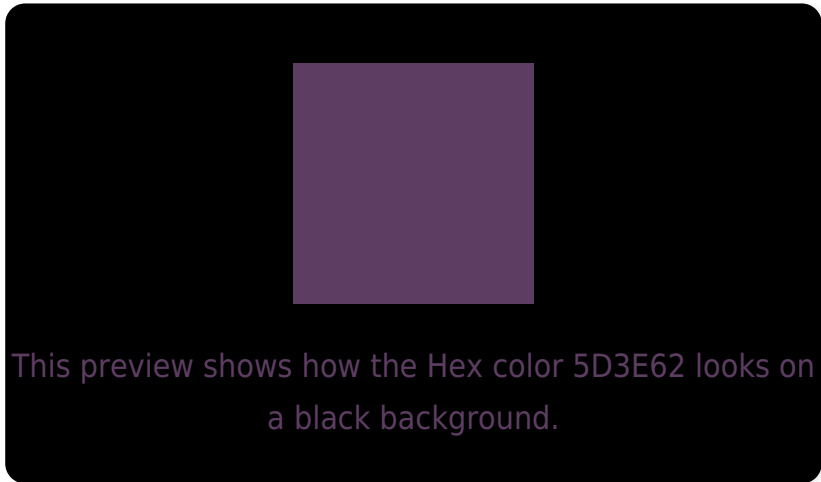
Large Text (above 18pt) WCAG AA ✓ Pass

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

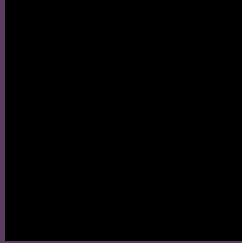
Any Text WCAG AA × Fail

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 5D3E62 Background



This preview shows how black text looks on a background with the Hex color 5D3E62.



This preview shows how white text looks on a background with the Hex color 5D3E62.

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
5D3E62

Protanopia
3E486A

Deuteranopia
444860



Tritanopia
594348

Trichromacy



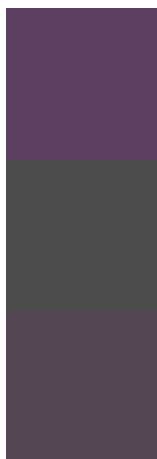
Original Color
5D3E62

Protanomaly
494467

Deuteranomaly
4D4461

Tritanomaly
5A4151

Monochromacy



Original Color
5D3E62

Achromatopsia
4B4B4B

Achromatomaly
524653

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3E62 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 #5D3E62 looks like.

```
.text, #text, p{  
    color:#5D3E62  
}
```

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 #5D3E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3E62
}
```

Border

The CSS property to change the border of an element to Hex 5D3E62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

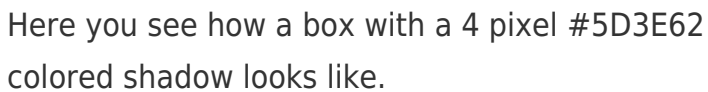
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3E62 }
```

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

```
.border{ border-color:#5D3E62 }
```

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



Here you see how a box with a 4 pixel #5D3E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3E62; -webkit-box-shadow:4px 4px  
4px 4px #5D3E62; box-shadow:4px 4px 4px  
4px #5D3E62 }
```

Background

The CSS property to change the background color of an element to Hex 5D3E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3E62 }
```

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

```
.background{ background-color:#5D3E62 }
```

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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