

Converting Colors

Hex(5E3E70)

Have a look what the booklet for
Hex(5E3E70) contains.

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Color

Hex(5E3E70)

Conversions

Conversions Part 1

Format	Color
Hex	5E3E70
RGB	94, 62, 112
RGB Percent	37%, 24%, 44%
CMY	0.6314, 0.7569, 0.5608
CMYK	0.16, 0.45, 0.00, 0.56
HSL	278°, 29%, 34%
HSV	278°, 45%, 44%
XYZ	9.2633, 6.9948, 16.1911
YIQ	77.2680, 3.0220, 22.3340

Conversions

Conversions Part 2

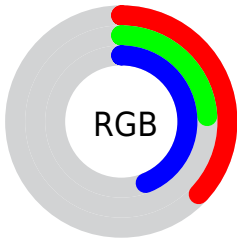
Format	Color
R_{YB}	94, 62, 112
Decimal	6176368
CIE _{Lab}	31.80, 24.09, -23.55
CIE _{LCh}	32, 33.688, 315.640
Yxy	6.9948, 0.2855, 0.2156
Android (android.graphics.Color)	4284366448 (0xFF5E3E70)
YUV	77.2680, 17.1229, 14.6740
Hunter-Lab	26.4477, 16.2366, -17.7837

Details

The Hex color **5E3E70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **50703E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **916EA4**, and **2E1240** is the 20% darker color. If you saturate the color by 10%, you get **5A3370**, and if you desaturate by 10%, it is **624970**.

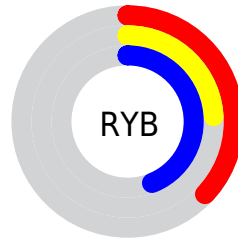
Distribution



Red (37%)

Green (24%)

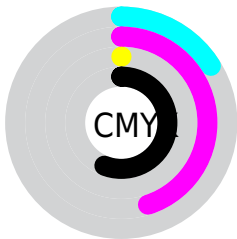
Blue (44%)



Red (37%)

Yellow (24%)

Blue (44%)

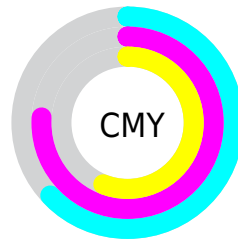


Cyan (16%)

Magenta (45%)

Yellow (0%)

Black (56%)



Cyan (63%)

Magenta (76%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3E70 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 5E3E70 by changing the saturation by 10% instead.

■ 5E3E70

■ 5E3E70

FFFFFF

■ 462757

■ 916EA4

■ 2E1240

■ AC88BF

■ 1C002A

■ C8A2DB

■ 000114

■ E4BEF8

■ 000000

■ FFD9FF

■ FFF6FF

■ 5E3E70

■ 5E3E70

■ 5A3370

■ 624970

■ 562870

■ 665470

■ 521C70

■ 6A6070

■ 4E1170

■ 6E6B70

■ 4A0670

■ 727670

■ 480070

■ 768170

■ 7A8C70

■ 7E9870

■ 82A370

Harmonies

Analogous

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



34497E



5E3E70



753559

Triad

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



5E3E70



644515



005858

Complementary

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



5E3E70



50703E

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.



00573D



5E3E70



4C4E14

Square

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



5E3E70



753B26



2E5424



005670

Rectangle

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



5E3E70



7B3347



2E5424



00584F

Sweetspot

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



5E3E70



8B7E91



3E5070



463E4A



C9C9C9



4A4A4A

Same Dimension

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



5E3E70



754391



703E69



363238



4D0078



9E00F7

Inverse Universe

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



703E50



91435F



3E7045



383235



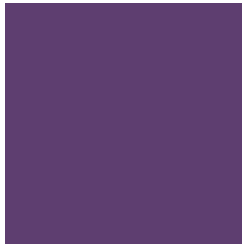
78002B



F70059

Previews

White Background



This preview shows how the Hex color 5E3E70 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

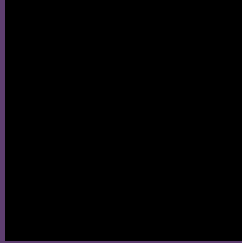
Any Text WCAG AA × Fail

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 5E3E70 Background



This preview shows how black text looks on a background with the Hex color 5E3E70.

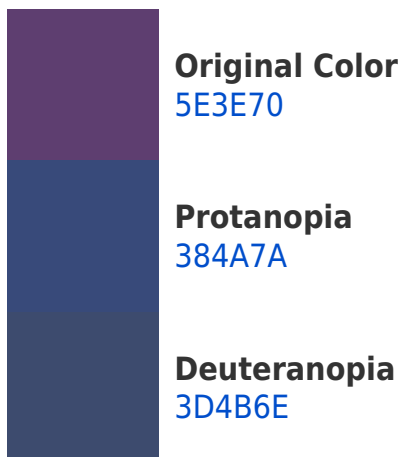


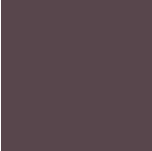
This preview shows how white text looks on a background with the Hex color 5E3E70.

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





Tritanopia
58464C

Trichromacy



Original Color
5E3E70

Protanomaly
464676

Deuteranomaly
49466F

Tritanomaly
5A4359

Monochromacy



Original Color
5E3E70

Achromatopsia
4D4D4D

Achromatomaly
53485A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3E70 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 #5E3E70 looks like.

```
.text, #text, p{  
    color:#5E3E70  
}
```

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 #5E3E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3E70
}
```

Border

The CSS property to change the border of an element to Hex 5E3E70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

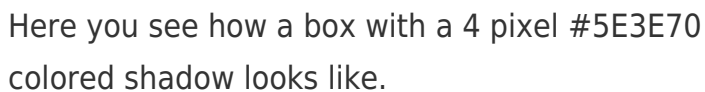
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E3E70 }
```

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

```
.border{ border-color:#5E3E70 }
```

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



Here you see how a box with a 4 pixel #5E3E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3E70; -webkit-box-shadow:4px 4px  
4px 4px #5E3E70; box-shadow:4px 4px 4px  
4px #5E3E70 }
```

Background

The CSS property to change the background color of an element to Hex 5E3E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3E70 }
```

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

```
.background{ background-color:#5E3E70 }
```

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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