

Converting Colors

Hex(5D3E6B)

Have a look what the booklet for
Hex(5D3E6B) contains.

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Color

Hex(5D3E6B)

Conversions

Conversions Part 1

Format	Color
Hex	5D3E6B
RGB	93, 62, 107
RGB Percent	36%, 24%, 42%
CMY	0.6353, 0.7569, 0.5804
CMYK	0.13, 0.42, 0.00, 0.58
HSL	281°, 27%, 33%
HSV	281°, 42%, 42%
XYZ	8.8907, 6.8339, 14.7604
YIQ	76.3990, 4.0310, 20.5670

Conversions

Conversions Part 2

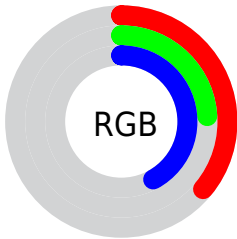
Format	Color
R_{YB}	93, 62, 107
Decimal	6110827
CIE _{Lab}	31.43, 22.55, -20.97
CIE _{LCh}	31, 30.794, 317.074
Yxy	6.8339, 0.2916, 0.2242
Android (android.graphics.Color)	4284300907 (0xFF5D3E6B)
YUV	76.3990, 15.0863, 14.5591
Hunter-Lab	26.1418, 14.9586, -15.1776

Details

The Hex color **5D3E6B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4C6B3E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **906E9F**, and **2E123B** is the 20% darker color. If you saturate the color by 10%, you get **5A336B**, and if you desaturate by 10%, it is **60496B**.

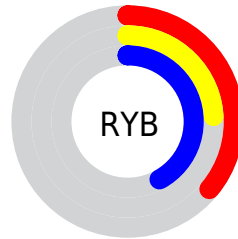
Distribution



Red (36%)

Green (24%)

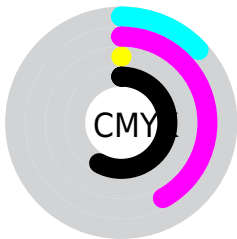
Blue (42%)



Red (36%)

Yellow (24%)

Blue (42%)

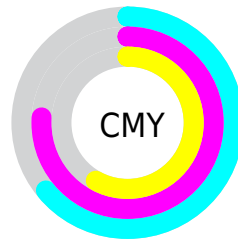


Cyan (13%)

Magenta (42%)

Yellow (0%)

Black (58%)



Cyan (64%)

Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3E6B 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 5D3E6B by changing the saturation by 10% instead.

5D3E6B

5D3E6B

FFFFFF

452753

906E9F

2E123B

AB88BA

1B0026

C7A2D5

00010E

E3BDF2

000000

FFD9FF

FFF6FF

5D3E6B

5D3E6B

5A336B

60496B

■ 56296B

■ 64536B

■ 531E6B

■ 675E6B

■ 50136B

■ 6A696B

■ 4C086B

■ 6E736B

■ 4A006B

■ 717E6B

■ 74896B

■ 78946B

■ 7B9E6B

Harmonies

Analogous

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



394878



5D3E6B



713655

Triad

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



5D3E6B



604519



005657

Complementary

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



5D3E6B



4C6B3E

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.



00553E



5D3E6B



4A4D19

Square

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



5D3E6B



703C28



2F5228



00546D

Rectangle

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



5D3E6B



763545



2F5228



00564F

Sweetspot

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



5D3E6B



877A8C



3E4C6B



443C47



C7C7C7



474747

Same Dimension

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



5D3E6B



76468C



6B3E63



343036



510075



A900F5

Inverse Universe

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



6B3E4C



8C465C



3E6B46



363032



750024



F5004C

Previews

White Background



This preview shows how the Hex color 5D3E6B looks on a white background.

Color Contrast Check

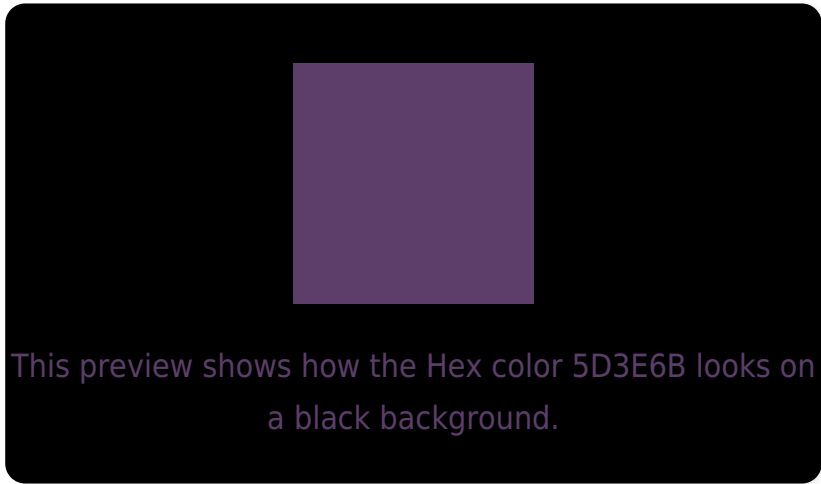
Large Text (above 18pt) WCAG AA ✓ Pass

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

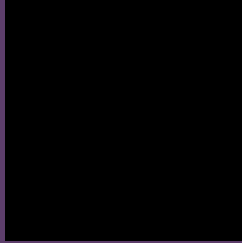
Any Text WCAG AA × Fail

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 5D3E6B Background



This preview shows how black text looks on a background with the Hex color 5D3E6B.

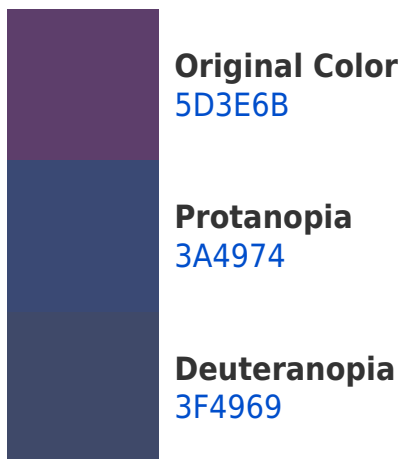


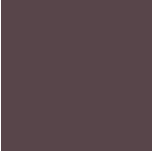
This preview shows how white text looks on a background with the Hex color 5D3E6B.

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
58454A

Trichromacy



Original Color
5D3E6B

Protanomaly
474571

Deuteranomaly
4A456A

Tritanomaly
5A4256

Monochromacy



Original Color
5D3E6B

Achromatopsia
4C4C4C

Achromatomaly
524757

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3E6B 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 #5D3E6B looks like.

```
.text, #text, p{  
    color:#5D3E6B  
}
```

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 #5D3E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3E6B
}
```

Border

The CSS property to change the border of an element to Hex 5D3E6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

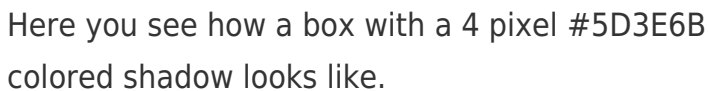
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3E6B }
```

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

```
.border{ border-color:#5D3E6B }
```

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



Here you see how a box with a 4 pixel #5D3E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3E6B; -webkit-box-shadow:4px 4px  
4px 4px #5D3E6B; box-shadow:4px 4px 4px  
4px #5D3E6B }
```

Background

The CSS property to change the background color of an element to Hex 5D3E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3E6B }
```

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

```
.background{ background-color:#5D3E6B }
```

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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