

Converting Colors

Hex(5E356E)

Have a look what the booklet for
Hex(5E356E) contains.

Hex(5E356E)	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(5E356E)

Conversions

Conversions Part 1

Format	Color
Hex	5E356E
RGB	94, 53, 110
RGB Percent	37%, 21%, 43%
CMY	0.6314, 0.7922, 0.5686
CMYK	0.15, 0.52, 0.00, 0.57
HSL	283°, 35%, 32%
HSV	283°, 52%, 43%
XYZ	8.7037, 6.0517, 15.4612
YIQ	71.7570, 6.1390, 26.4190

Conversions

Conversions Part 2

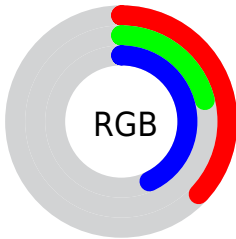
Format	Color
R_{YB}	94, 53, 110
Decimal	6174062
CIE _{Lab}	29.54, 29.06, -25.82
CIE _{LCh}	30, 38.877, 318.382
Yxy	6.0517, 0.2880, 0.2003
Android (android.graphics.Color)	4284364142 (0xFF5E356E)
YUV	71.7570, 18.8538, 19.5071
Hunter-Lab	24.6002, 20.1040, -20.0437

Details

The Hex color **5E356E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **456E35**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9265A2**, and **2E073E** is the 20% darker color. If you saturate the color by 10%, you get **5B2A6E**, and if you desaturate by 10%, it is **61406E**.

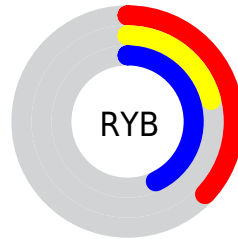
Distribution



Red (37%)

Green (21%)

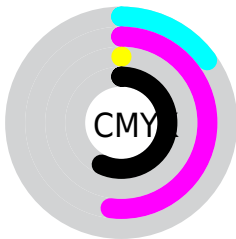
Blue (43%)



Red (37%)

Yellow (21%)

Blue (43%)

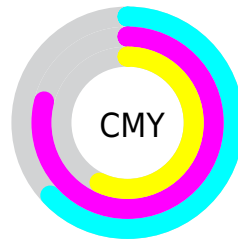


Cyan (15%)

Magenta (52%)

Yellow (0%)

Black (57%)



Cyan (63%)

Magenta (79%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E356E 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 5E356E by changing the saturation by 10% instead.



5E356E



5E356E

FFFFFF



451E55



9265A2



2E073E



AD7FBD



1C0028



C999D9



000111



E5B4F6



000000



FFD0FF



FFECFF



5E356E



5E356E



5B2A6E



61406E

■ 581F6E

■ 644B6E

■ 55146E

■ 67566E

■ 52096E

■ 6A616E

■ 4F006E

■ 6D6C6E

■ 71776E

■ 74826E

■ 778D6E

■ 7A986E

Harmonies

Analogous

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



2D437F



5E356E



762953

Triad

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



5E356E



5E4002



005458

Complementary

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



5E356E



456E35

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.



005338



5E356E



434A02

Square

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



5E356E



723319



1D501B



005272

Rectangle

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



5E356E



7B273E



1D501B



00544D

Sweetspot

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



5E356E



88788F



35456E



443A47



C7C7C7



474747

Same Dimension

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



5E356E



76368F



6E3562



373238



560078



B200F7

Inverse Universe

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



6E3545



8F364F



356E41



383234



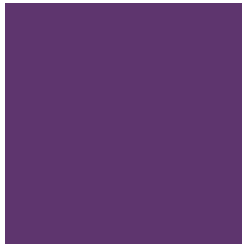
780022



F70045

Previews

White Background



This preview shows how the Hex color 5E356E 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

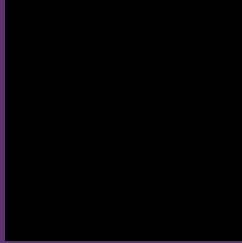
Any Text WCAG AA × Fail

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 5E356E Background



This preview shows how black text looks on a background with the Hex color 5E356E.

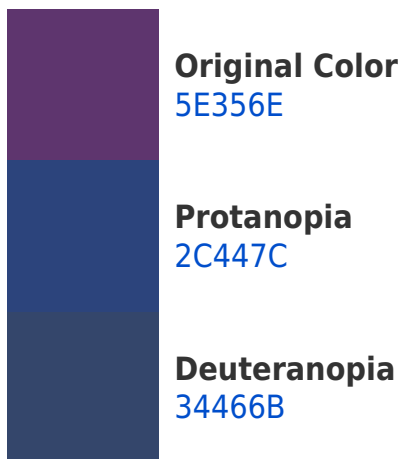



This preview shows how white text looks on a background with the Hex color 5E356E.

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
583F44

Trichromacy



Original Color
5E356E

Protanomaly
3E3F77

Deuteranomaly
43406C

Tritanomaly
5A3B53

Monochromacy



Original Color
5E356E

Achromatopsia
484848

Achromatomaly
504156

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E356E 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 #5E356E looks like.

```
.text, #text, p{  
    color:#5E356E  
}
```

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 #5E356E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E356E
}
```

Border

The CSS property to change the border of an element to Hex 5E356E is called "border". The border property can be set on classes, ids or directly on the HTML element.

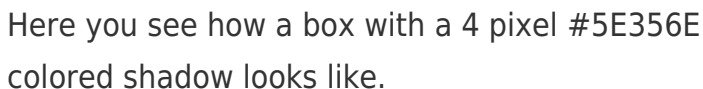
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E356E }
```

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

```
.border{ border-color:#5E356E }
```

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



Here you see how a box with a 4 pixel #5E356E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E356E; -webkit-box-shadow:4px 4px  
4px 4px #5E356E; box-shadow:4px 4px 4px  
4px #5E356E }
```

Background

The CSS property to change the background color of an element to Hex 5E356E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E356E }
```

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

```
.background{ background-color:#5E356E }
```

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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