

Converting Colors

Hex(5E6389)

Have a look what the booklet for
Hex(5E6389) contains.

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Color

Hex(5E6389)

Conversions

Conversions Part 1

Format	Color
Hex	5E6389
RGB	94, 99, 137
RGB Percent	37%, 39%, 54%
CMY	0.6314, 0.6118, 0.4627
CMYK	0.31, 0.28, 0.00, 0.46
HSL	233°, 19%, 45%
HSV	233°, 31%, 54%
XYZ	13.5933, 13.1095, 25.4809
YIQ	101.8370, -15.1780, 10.7580

Conversions

Conversions Part 2

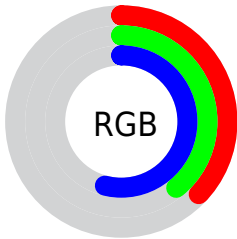
Format	Color
R_{YB}	94, 98, 137
Decimal	6185865
CIE Lab	42.93, 7.48, -21.65
CIE LCh	43, 22.904, 289.054
Yxy	13.1095, 0.2605, 0.2512
Android (android.graphics.Color)	4284375945 (0xFF5E6389)
YUV	101.8370, 17.3354, -6.8730
Hunter-Lab	36.2071, 3.6523, -16.3806

Details

The Hex color **5E6389** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **89845E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9196BF**, and **2E3557** is the 20% darker color. If you saturate the color by 10%, you get **505789**, and if you desaturate by 10%, it is **6C6F89**.

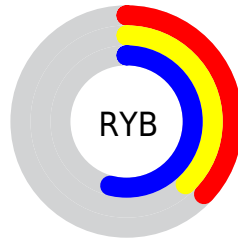
Distribution



Red (37%)

Green (39%)

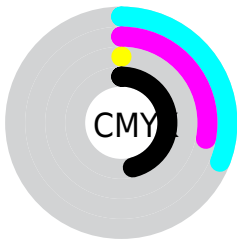
Blue (54%)



Red (37%)

Yellow (38%)

Blue (54%)

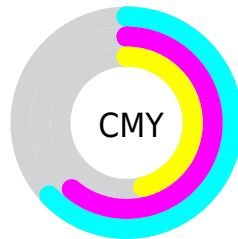


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (63%)

Magenta (61%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6389 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 5E6389 by changing the saturation by 10% instead.

■ 5E6389

■ 5E6389

FFFFFF

■ 464B6F

■ 9196BF

■ 2E3557

■ ACB0DA

■ 16203F

■ C8CCF7

■ 000729

■ E4E8FF

■ 000114

■ 000000

■ 5E6389

■ 5E6389

■ 505789

■ 6C6F89

■ 434B89

■ 797B89

■ 353F89

■ 878789

■ 273389

■ 959389

■ 1A2689

■ A3A089

■ 0C1A89

■ B0AC89

■ 001089

■ BEB889

■ CCC489

■ D9D089

Harmonies

Analogous

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



41698A



5E6389



775C7E

Triad

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



5E6389



865C4A



3A6F5E

Complementary

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



5E6389



89845E

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.



506D4C



5E6389



796240

Square

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



5E6389



8B575A



666841



267071

Rectangle

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



5E6389



825973



666841



416F57

Sweetspot

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



5E6389



A2A4B3



5E8984



4F5159



D9D9D9



595959

Same Dimension

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



5E6389



6F77B3



6E5E89



3E3F45



000F85



000105

Inverse Universe

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



895E63



B36F77



79895E



453E3F



85000F



050001

Previews

White Background



This preview shows how the Hex color 5E6389 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

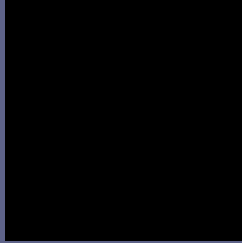
Any Text WCAG AA × Fail

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 5E6389 Background



This preview shows how black text looks on a background with the Hex color 5E6389.



This preview shows how white text looks on a background with the Hex color 5E6389.

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

5E6389

Protanopia

5A648A

Deuteranopia

5B6489



Tritanopia
596870

Trichromacy



Original Color
5E6389

Protanomaly
5B648A

Deuteranomaly
5C6489

Tritanomaly
5B6679

Monochromacy



Original Color
5E6389

Achromatopsia
666666

Achromatomaly
636573

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6389 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 #5E6389 looks like.

```
.text, #text, p{  
    color:#5E6389  
}
```

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 #5E6389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6389
}
```

Border

The CSS property to change the border of an element to Hex 5E6389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

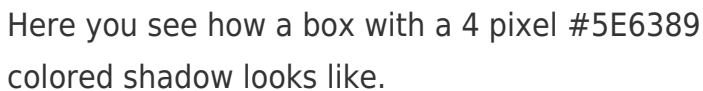
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E6389 }
```

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

```
.border{ border-color:#5E6389 }
```

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



Here you see how a box with a 4 pixel #5E6389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6389; -webkit-box-shadow:4px 4px  
4px 4px #5E6389; box-shadow:4px 4px 4px  
4px #5E6389 }
```

Background

The CSS property to change the background color of an element to Hex 5E6389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6389 }
```

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

```
.background{ background-color:#5E6389 }
```

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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