

Converting Colors

Hex(5D5877)

Have a look what the booklet for
Hex(5D5877) contains.

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Color

Hex(5D5877)

Conversions

Conversions Part 1

Format	Color
Hex	5D5877
RGB	93, 88, 119
RGB Percent	36%, 35%, 47%
CMY	0.6353, 0.6549, 0.5333
CMYK	0.22, 0.26, 0.00, 0.53
HSL	250°, 15%, 41%
HSV	250°, 26%, 47%
XYZ	11.3337, 10.6385, 18.9089
YIQ	93.0290, -6.9710, 10.7010

Conversions

Conversions Part 2

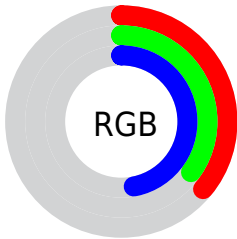
Format	Color
RYB	93, 88, 119
Decimal	6117495
CIELab	38.96, 9.18, -16.82
CIELCh	39, 19.161, 298.641
Yxy	10.6385, 0.2772, 0.2602
Android (android.graphics.Color)	4284307575 (0xFF5D5877)
YUV	93.0290, 12.8037, -0.0254
Hunter-Lab	32.6167, 4.9461, -11.5404

Details

The Hex color **5D5877** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **727758**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **908AAB**, and **2E2B46** is the 20% darker color. If you saturate the color by 10%, you get **534C77**, and if you desaturate by 10%, it is **676477**.

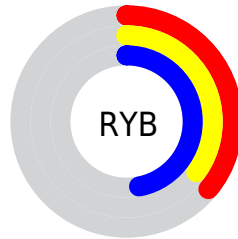
Distribution



 Red (36%)

 Green (35%)

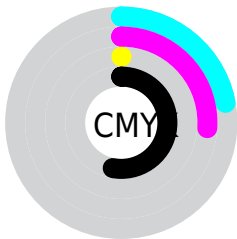
 Blue (47%)



 Red (36%)

 Yellow (35%)

 Blue (47%)

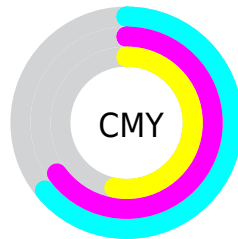


 Cyan (22%)

 Magenta (26%)

 Yellow (0%)

 Black (53%)



 Cyan (64%)

 Magenta (65%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5877 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 5D5877 by changing the saturation by 10% instead.

■ 5D5877

■ 5D5877

FFFFFF

■ 45415E

■ 908AAB

■ 2E2B46

■ AAA4C7

■ 181630

■ C6BFE3

■ 00001B

■ E2DBFF

■ 000000

■ FFF8FF

■ 5D5877

■ 5D5877

■ 534C77

■ 676477

■ 494077

■ 717077

■ 3F3477

■ 7B7C77

■ 352877

■ 858877

■ 2B1C77

■ 8F9377

■ 211177

■ 999F77

■ 170577

■ A3AB77

■ 130077

■ ADB777

■ B7C377

Harmonies

Analogous

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



465D7B



5D5877



6F536C

Triad

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



5D5877



745542



34645A

Complementary

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



5D5877



727758

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.



45634B



5D5877



675B3D

Square

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



5D5877



7B514E



575F40



2A646A

Rectangle

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



5D5877



775162



575F40



396455

Sweetspot

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



5D5877



918F9C



587277



48474F



CFCFCF



4F4F4F

Same Dimension

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



5D5877



736B9C



6C5877



36353B



14007A



2800FA

Inverse Universe

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



775872



9C6B94



637758



3B353A



7A0067



FA00D2

Previews

White Background



This preview shows how the Hex color 5D5877 looks on a white background.

Color Contrast Check

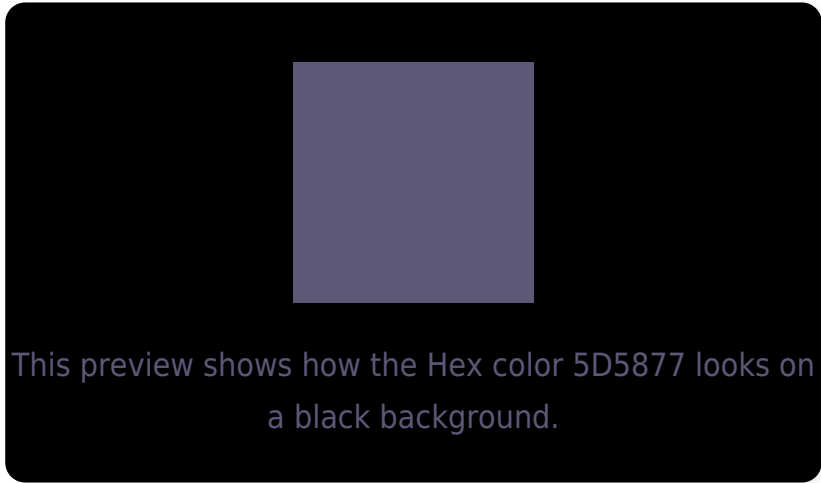
Large Text (above 18pt) WCAG AA ✓ Pass

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

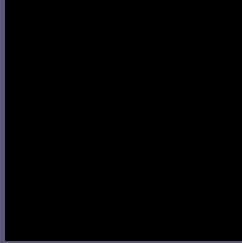
Any Text WCAG AA × Fail

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 5D5877 Background



This preview shows how black text looks on a background with the Hex color 5D5877.

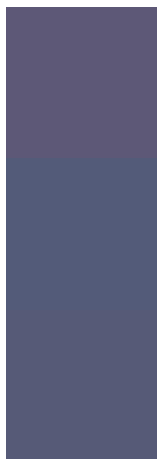


This preview shows how white text looks on a background with the Hex color 5D5877.

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
5D5877

Protanopia
535B79

Deuteranopia
565A77



Tritanopia
595C63

Trichromacy



Original Color

5D5877

Protanomaly

575A78

Deuteranomaly

595977

Tritanomaly

5A5B6A

Monochromacy



Original Color

5D5877

Achromatopsia

5D5D5D

Achromatomaly

5D5B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5877 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 #5D5877 looks like.

```
.text, #text, p{  
    color:#5D5877  
}
```

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 #5D5877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5877
}
```

Border

The CSS property to change the border of an element to Hex 5D5877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

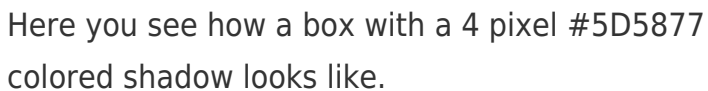
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5877 }
```

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

```
.border{ border-color:#5D5877 }
```

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



Here you see how a box with a 4 pixel #5D5877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5877; -webkit-box-shadow:4px 4px  
4px 4px #5D5877; box-shadow:4px 4px 4px  
4px #5D5877 }
```

Background

The CSS property to change the background color of an element to Hex 5D5877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5877 }
```

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

```
.background{ background-color:#5D5877 }
```

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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