

Converting Colors

Hex(5D5888)

Have a look what the booklet for
Hex(5D5888) contains.

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Color

Hex(5D5888)

Conversions

Conversions Part 1

Format	Color
Hex	5D5888
RGB	93, 88, 136
RGB Percent	36%, 35%, 53%
CMY	0.6353, 0.6549, 0.4667
CMYK	0.32, 0.35, 0.00, 0.47
HSL	246°, 21%, 44%
HSV	246°, 35%, 53%
XYZ	12.4479, 11.0842, 24.7759
YIQ	94.9670, -12.4280, 15.9880

Conversions

Conversions Part 2

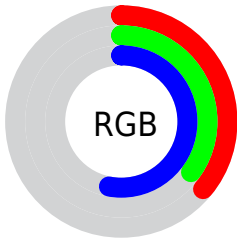
Format	Color
R_{YB}	93, 88, 136
Decimal	6117512
CIE Lab	39.72, 13.73, -26.03
CIE LCh	40, 29.430, 297.819
Yxy	11.0842, 0.2577, 0.2294
Android (android.graphics.Color)	4284307592 (0xFF5D5888)
YUV	94.9670, 20.2293, -1.7251
Hunter-Lab	33.2929, 8.4766, -20.8174

Details

The Hex color **5D5888** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **838858**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **918ABE**, and **2C2B56** is the 20% darker color. If you saturate the color by 10%, you get **514A88**, and if you desaturate by 10%, it is **696688**.

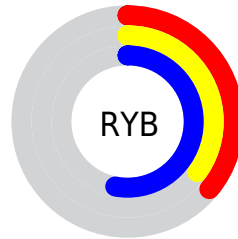
Distribution



Red (36%)

Green (35%)

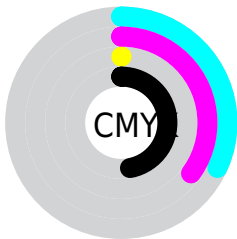
Blue (53%)



Red (36%)

Yellow (35%)

Blue (53%)

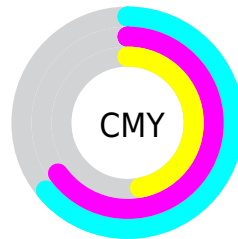


Cyan (32%)

Magenta (35%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (65%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5888 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 5D5888 by changing the saturation by 10% instead.

■ 5D5888

■ 5D5888

FFFFFF

■ 44416E

■ 918ABE

■ 2C2B56

■ ACA4D9

■ 15163E

■ C7BFF6

■ 000029

■ E3DBFF

■ 000112

■ FFF8FF

■ 000000

■ 5D5888

■ 5D5888

■ 514A88

■ 696688

■ 453D88

■ 757388

■ 382F88

■ 828188

■ 2C2288

■ 8E8E88

■ 201488

■ 9A9C88

■ 140688

■ A6AA88

■ 0E0088

■ B2B788

■ BEC588

■ CBD288

Harmonies

Analogous

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



32618D



5D5888



7A4F77

Triad

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



5D5888



815336



076A5B

Complementary

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



5D5888



838858

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.



386843



5D5888



6E5C2D

Square

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



5D5888



8B4C48



566332



006A73

Rectangle

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



5D5888



854B68



566332



1E6953

Sweetspot

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



5D5888



9F9DB0



588388



4F4E59



D9D9D9



595959

Same Dimension

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



5D5888



6E66B0



755888



3F3E45



0E0085



010005

Inverse Universe

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



885883



B066A8



6B8858



453E44



850077



050005

Previews

White Background



This preview shows how the Hex color 5D5888 looks on a white background.

Color Contrast Check

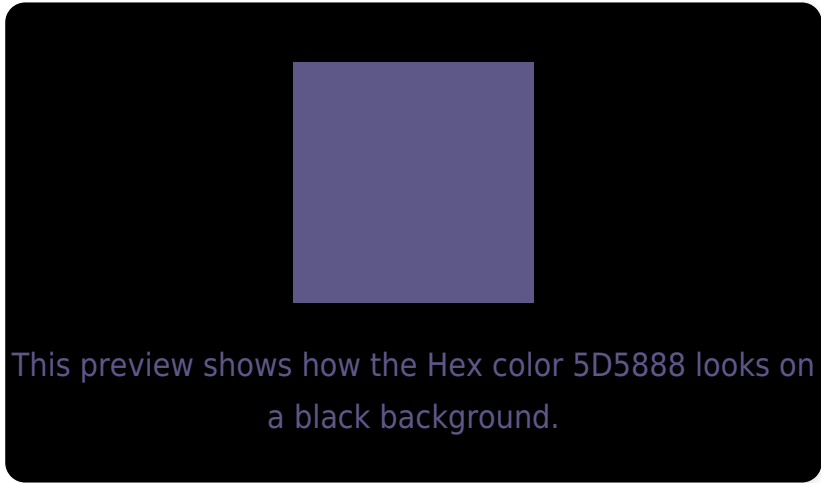
Large Text (above 18pt) WCAG AA ✓ Pass

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

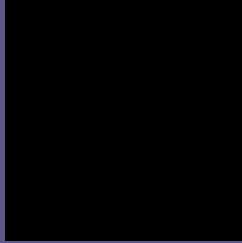
Any Text WCAG AA × Fail

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 5D5888 Background



This preview shows how black text looks on a background with the Hex color 5D5888.



This preview shows how white text looks on a background with the Hex color 5D5888.

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
5D5888

Protanopia
4D5C8B

Deuteranopia
4D5D87



Tritanopia
565F66

Trichromacy



Original Color
5D5888

Protanomaly
535B8A

Deuteranomaly
535B87

Tritanomaly
595C72

Monochromacy



Original Color
5D5888

Achromatopsia
5F5F5F

Achromatomaly
5E5C6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5888 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 #5D5888 looks like.

```
.text, #text, p{  
    color:#5D5888  
}
```

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 #5D5888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5888
}
```

Border

The CSS property to change the border of an element to Hex 5D5888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

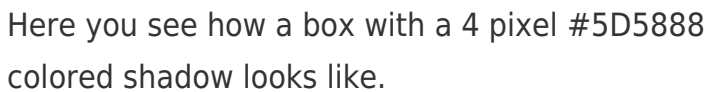
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5888 }
```

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

```
.border{ border-color:#5D5888 }
```

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



Here you see how a box with a 4 pixel #5D5888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5888; -webkit-box-shadow:4px 4px  
4px 4px #5D5888; box-shadow:4px 4px 4px  
4px #5D5888 }
```

Background

The CSS property to change the background color of an element to Hex 5D5888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5888 }
```

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

```
.background{ background-color:#5D5888 }
```

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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