

Converting Colors

Hex(5D5D75)

Have a look what the booklet for
Hex(5D5D75) contains.

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Color

Hex(5D5D75)

Conversions

Conversions Part 1

Format	Color
Hex	5D5D75
RGB	93, 93, 117
RGB Percent	36%, 36%, 46%
CMY	0.6353, 0.6353, 0.5412
CMYK	0.21, 0.21, 0.00, 0.54
HSL	240°, 11%, 41%
HSV	240°, 21%, 46%
XYZ	11.6394, 11.4402, 18.4243
YIQ	95.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

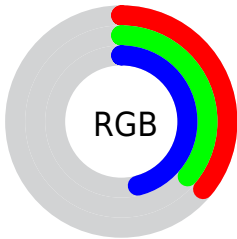
Format	Color
RYB	93, 93, 117
Decimal	6118773
CIELab	40.31, 5.57, -13.53
CIELCh	40, 14.633, 292.373
Yxy	11.4402, 0.2804, 0.2756
Android (android.graphics.Color)	4284308853 (0xFF5D5D75)
YUV	95.7360, 10.4832, -2.3995
Hunter-Lab	33.8234, 2.2352, -8.6202

Details

The Hex color **5D5D75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **75755D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **908FA9**, and **2E2F45** is the 20% darker color. If you saturate the color by 10%, you get **515175**, and if you desaturate by 10%, it is **696975**.

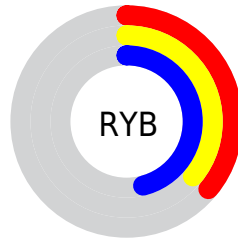
Distribution



Red (36%)

Green (36%)

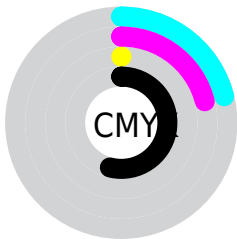
Blue (46%)



Red (36%)

Yellow (36%)

Blue (46%)

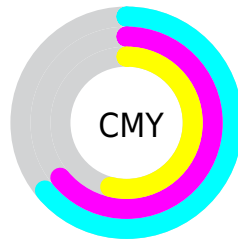


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (54%)



Cyan (64%)

Magenta (64%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5D75 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 5D5D75 by changing the saturation by 10% instead.

■ 5D5D75

■ 5D5D75

FFFFFF

■ 45455C

■ 908FA9

■ 2E2F45

■ AAAAC4

■ 191A2E

■ C6C5E0

■ 00001A

■ E2E1FD

■ 000000

FEFEFF

■ 5D5D75

■ 5D5D75

■ 515175

■ 696975

■ 464675

■ 747475

■ 3A3A75

■ 808075

■ 2E2E75

■ 8C8C75

■ 232375

■ 989875

■ 171775

■ A3A375

■ 0B0B75

■ AF75

■ 000075

■ BBBB75

■ C6C675

Harmonies

Analogous

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



4D6176



5D5D75



6C596E

Triad

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



5D5D75



74594D



44665B

Complementary

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



5D5D75



75755D

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.



516450



5D5D75



6B5D47

Square

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



5D5D75



785756



5F6149



3D6668

Rectangle

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



5D5D75



725767



5F6149



486557

Sweetspot

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



5D5D75



909099



5D7575



47474D



CCCCCC



4D4D4D

Same Dimension

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



5D5D75



737399



695D75



35353B



00007A



0000FA

Inverse Universe

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



755D75



997399



69755D



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 5D5D75 looks on a white background.

Color Contrast Check

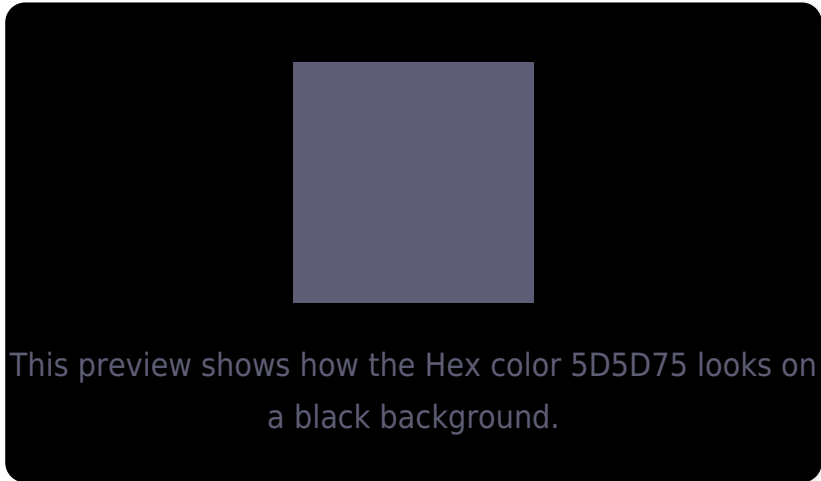
Large Text (above 18pt) WCAG AA ✓ Pass

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

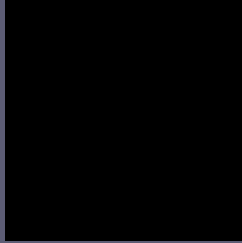
Any Text WCAG AA × Fail

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 5D5D75 Background



This preview shows how black text looks on a background with the Hex color 5D5D75.



This preview shows how white text looks on a background with the Hex color 5D5D75.

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

5D5D75

Protanopia

595E76

Deuteranopia

5D5D75



Tritanopia
5A5F67

Trichromacy



Original Color
5D5D75

Protanomaly
5A5E76

Deuteranomaly
5D5D75

Tritanomaly
5B5E6C

Monochromacy



Original Color
5D5D75

Achromatopsia
606060

Achromatomaly
5F5F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5D75 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 #5D5D75 looks like.

```
.text, #text, p{  
    color:#5D5D75  
}
```

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 #5D5D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5D75
}
```

Border

The CSS property to change the border of an element to Hex 5D5D75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

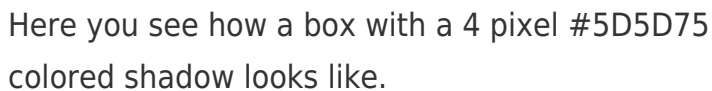
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5D75 }
```

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

```
.border{ border-color:#5D5D75 }
```

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



Here you see how a box with a 4 pixel #5D5D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5D75; -webkit-box-shadow:4px 4px  
4px 4px #5D5D75; box-shadow:4px 4px 4px  
4px #5D5D75 }
```

Background

The CSS property to change the background color of an element to Hex 5D5D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5D75 }
```

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

```
.background{ background-color:#5D5D75 }
```

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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