

Converting Colors

Hex(5D7470)

Have a look what the booklet for
Hex(5D7470) contains.

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Color

Hex(5D7470)

Conversions

Conversions Part 1

Format	Color
Hex	5D7470
RGB	93, 116, 112
RGB Percent	36%, 45%, 44%
CMY	0.6353, 0.5451, 0.5608
CMYK	0.20, 0.00, 0.03, 0.55
HSL	170°, 11%, 41%
HSV	170°, 20%, 45%
XYZ	13.6842, 15.9878, 17.6940
YIQ	108.6670, -12.4240, -6.1200

Conversions

Conversions Part 2

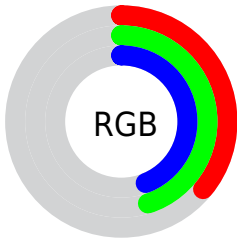
Format	Color
R _Y B	93, 106, 116
Decimal	6124656
CIE Lab	46.96, -9.31, -0.59
CIE LCh	47, 9.334, 183.631
Yxy	15.9878, 0.2889, 0.3375
Android (android.graphics.Color)	4284314736 (0xFF5D7470)
YUV	108.6670, 1.6432, -13.7400
Hunter-Lab	39.9847, -8.8841, 1.7524

Details

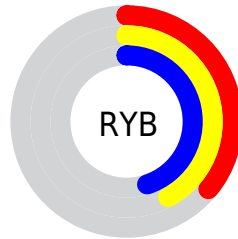
The Hex color **5D7470** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **745D61**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **90A8A4**, and **2E4440** is the 20% darker color. If you saturate the color by 10%, you get **51746E**, and if you desaturate by 10%, it is **697472**.

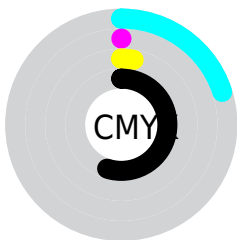
Distribution



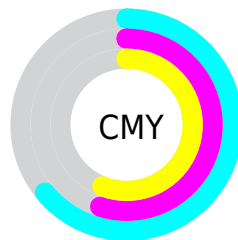
- Red (36%)
- Green (45%)
- Blue (44%)



- Red (36%)
- Yellow (42%)
- Blue (45%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (64%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7470 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 5D7470 by changing the saturation by 10% instead.

■ 5D7470

■ 5D7470

FFFFFF

■ 455B58

■ 90A8A4

■ 2E4440

■ AAC3BF

■ 192E2A

■ C6DFDB

■ 001916

■ E2FCF7

■ 000000

FEFFFF

■ 5D7470

■ 5D7470

■ 51746E

■ 697472

■ 46746C

■ 747474

 3A746A


 807476

 2F7468

 8B7478

 237466

 97747A

 177464

 A3747C

 0C7462

 AE747E

 007460

 BA7480

 C57482

Harmonies

Analogous

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



637368



5D7470



5B7478

Triad

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



5D7470



726D7C



7C6D62

Complementary

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



5D7470



745D61

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.



806B67



5D7470



7B6B76

Square

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



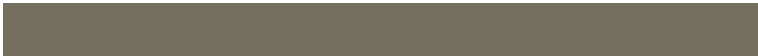
5D7470



68707F



7F6A6F



756F60

Rectangle

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



5D7470



5E737C



7F6A6F



7E6C63

Sweetspot

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



5D7470



8D9695



61745D



474D4C



CCCCCC



4D4D4D

Same Dimension

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



5D7470



729690



5D6D74



353B3A



007A65



00FACE

Inverse Universe

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



745D61



967279



74645D



3B3536



7A0015



FA002B

Previews

White Background



This preview shows how the Hex color 5D7470 looks on a white background.

Color Contrast Check

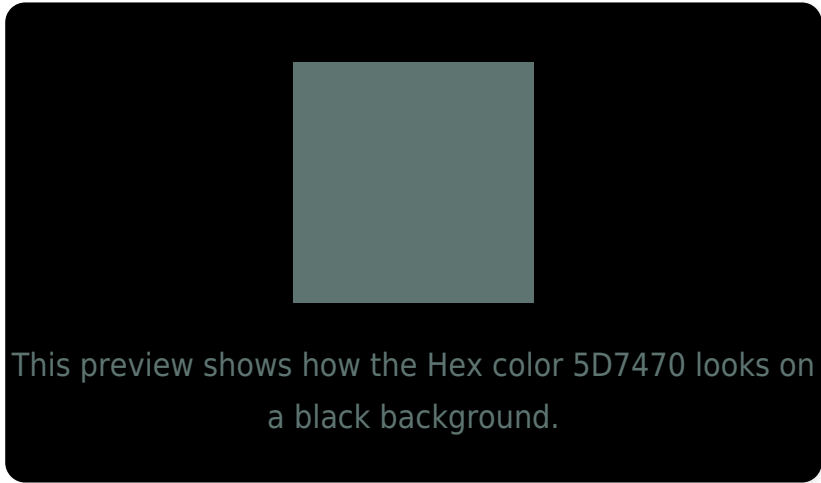
Large Text (above 18pt) WCAG AA ✓ Pass

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

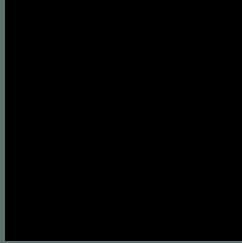
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

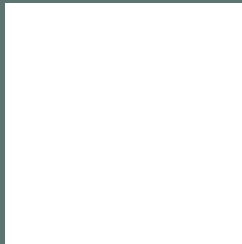
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5D7470 Background



This preview shows how black text looks on a background with the Hex color 5D7470.



This preview shows how white text looks on a background with the Hex color 5D7470.

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
5D7470

Protanopia
716F6D

Deuteranopia
796C72



Tritanopia
5F727B

Trichromacy



Original Color
5D7470

Protanomaly
6A716E

Deuteranomaly
6F6F71

Tritanomaly
5E7377

Monochromacy



Original Color
5D7470

Achromatopsia
6D6D6D

Achromatomaly
67706E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7470 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 #5D7470 looks like.

```
.text, #text, p{  
    color:#5D7470  
}
```

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 #5D7470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7470
}
```

Border

The CSS property to change the border of an element to Hex 5D7470 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
#5D7470 }
```

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

```
.border{ border-color:#5D7470 }
```

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

Here you see how a box with a 4 pixel #5D7470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7470; -webkit-box-shadow:4px 4px  
4px 4px #5D7470; box-shadow:4px 4px 4px  
4px #5D7470 }
```

Background

The CSS property to change the background color of an element to Hex 5D7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7470 }
```

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

```
.background{ background-color:#5D7470 }
```

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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