

Converting Colors

Hex(5D6C85)

Have a look what the booklet for
Hex(5D6C85) contains.

Hex(5D6C85)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D6C85)

Conversions

Conversions Part 1

Format	Color
Hex	5D6C85
RGB	93, 108, 133
RGB Percent	36%, 42%, 52%
CMY	0.6353, 0.5765, 0.4784
CMYK	0.30, 0.19, 0.00, 0.48
HSL	218°, 18%, 44%
HSV	218°, 30%, 52%
XYZ	14.1104, 14.7457, 24.2928
YIQ	106.3650, -16.9650, 4.5950

Conversions

Conversions Part 2

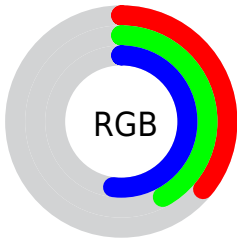
Format	Color
R _Y B	93, 104, 133
Decimal	6122629
CIE Lab	45.28, 0.60, -15.64
CIE LCh	45, 15.652, 272.181
Yxy	14.7457, 0.2655, 0.2774
Android (android.graphics.Color)	4284312709 (0xFF5D6C85)
YUV	106.3650, 13.1311, -11.7211
Hunter-Lab	38.4002, -1.6093, -10.6281

Details

The Hex color **5D6C85** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85765D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **909FBA**, and **2D3D53** is the 20% darker color. If you saturate the color by 10%, you get **506485**, and if you desaturate by 10%, it is **6A7485**.

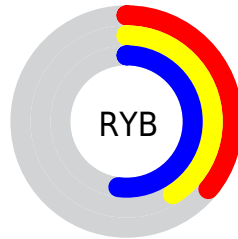
Distribution



Red (36%)

Green (42%)

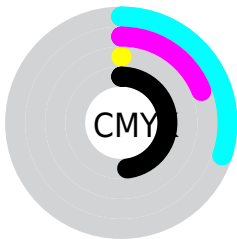
Blue (52%)



Red (36%)

Yellow (41%)

Blue (52%)

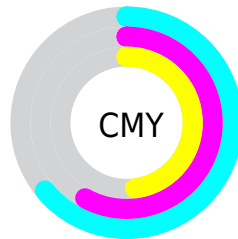


Cyan (30%)

Magenta (19%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (58%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6C85 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 5D6C85 by changing the saturation by 10% instead.



5D6C85



5D6C85

FFFFFF



45546C



909FBA



2D3D53



ABBAD6



16273C



C7D6F2



001226



E3F2FF



000111



000000



5D6C85



5D6C85



506485



6A7485



425B85



787D85

■ 355385

■ 858585

■ 284B85

■ 928D85

■ 1A4285

■ A09685

■ 0D3A85

■ AD9E85

■ 003285

■ BAA685

■ C7AF85

■ D5B785

Harmonies

Analogous

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



4D7082



5D6C85



6F6881

Triad

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



5D6C85



86635E



57715F

Complementary

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



5D6C85



85765D

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.



666F55



5D6C85



7F6655

Square

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



5D6C85



85626B



746B51



4B736C

Rectangle

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



5D6C85



79657B



746B51



5C715B

Sweetspot

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



5D6C85



9EA4AD



5D8576



4D5157



D6D6D6



575757

Same Dimension

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



5D6C85



6F86AD



625D85



3C3E42



003182



000103

Inverse Universe

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



855D6C



AD6F86



80855D



423C3E



820031



030001

Previews

White Background



This preview shows how the Hex color 5D6C85 looks on a white background.

Color Contrast Check

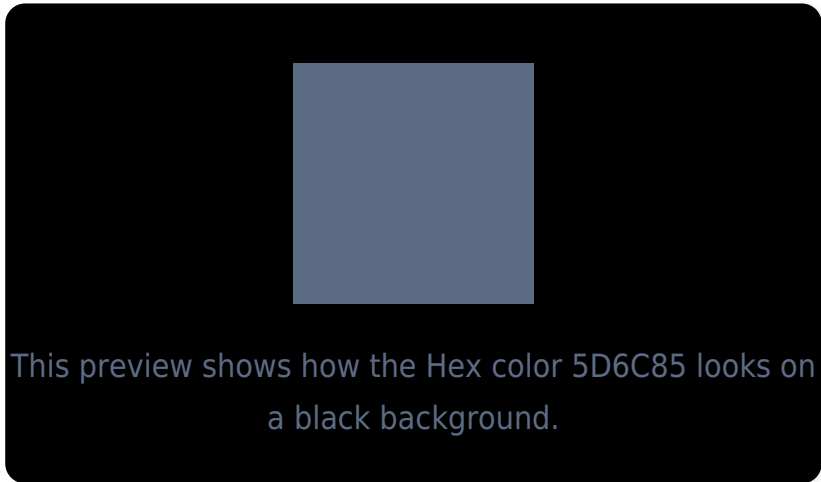
Large Text (above 18pt) WCAG AA ✓ Pass

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

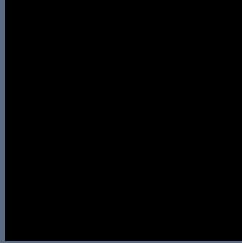
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

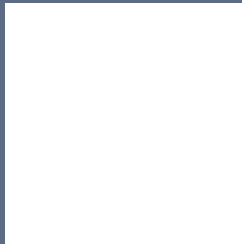
Any Text WCAG AAA × Fail

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

Hex 5D6C85 Background



This preview shows how black text looks on a background with the Hex color 5D6C85.

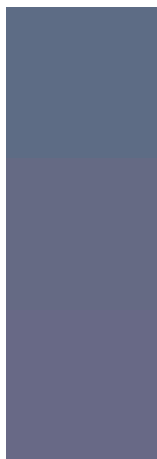


This preview shows how white text looks on a background with the Hex color 5D6C85.

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
5D6C85

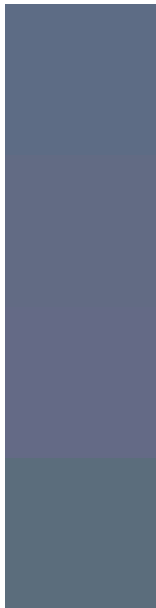
Protanopia
656A84

Deuteranopia
686986



Tritanopia
5A6E77

Trichromacy



Original Color
5D6C85

Protanomaly
626B84

Deuteranomaly
646A86

Tritanomaly
5B6D7C

Monochromacy



Original Color
5D6C85

Achromatopsia
6A6A6A

Achromatomaly
656B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6C85 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 #5D6C85 looks like.

```
.text, #text, p{  
    color:#5D6C85  
}
```

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 #5D6C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6C85
}
```

Border

The CSS property to change the border of an element to Hex 5D6C85 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
#5D6C85 }
```

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

```
.border{ border-color:#5D6C85 }
```

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

Here you see how a box with a 4 pixel #5D6C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6C85; -webkit-box-shadow:4px 4px  
4px 4px #5D6C85; box-shadow:4px 4px 4px  
4px #5D6C85 }
```

Background

The CSS property to change the background color of an element to Hex 5D6C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6C85 }
```

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

```
.background{ background-color:#5D6C85 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor