

Converting Colors

Hex(5D456C)

Have a look what the booklet for
Hex(5D456C) contains.

Hex(5D456C)	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(5D456C)

Conversions

Conversions Part 1

Format	Color
Hex	5D456C
RGB	93, 69, 108
RGB Percent	36%, 27%, 42%
CMY	0.6353, 0.7294, 0.5765
CMYK	0.14, 0.36, 0.00, 0.58
HSL	277°, 22%, 35%
HSV	277°, 36%, 42%
XYZ	9.3491, 7.6661, 15.1743
YIQ	80.6220, 1.7850, 17.2170

Conversions

Conversions Part 2

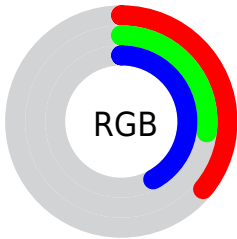
Format	Color
R_{YB}	93, 69, 108
Decimal	6112620
CIE _{Lab}	33.28, 18.40, -18.73
CIE _{LCh}	33, 26.258, 314.493
Yxy	7.6661, 0.2904, 0.2382
Android (android.graphics.Color)	4284302700 (0xFF5D456C)
YUV	80.6220, 13.4974, 10.8555
Hunter-Lab	27.6877, 11.8191, -13.1126

Details

The Hex color **5D456C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **546C45**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9076A0**, and **2E193C** is the 20% darker color. If you saturate the color by 10%, you get **593A6C**, and if you desaturate by 10%, it is **61506C**.

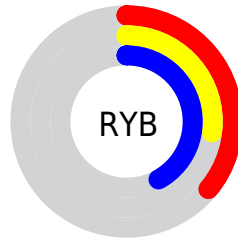
Distribution



 Red (36%)

 Green (27%)

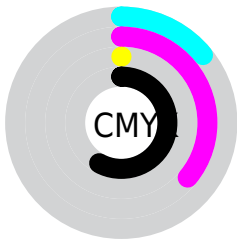
 Blue (42%)



 Red (36%)

 Yellow (27%)

 Blue (42%)

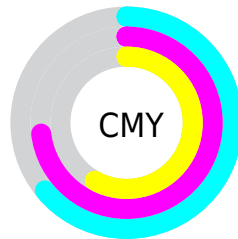


 Cyan (14%)

 Magenta (36%)

 Yellow (0%)

 Black (58%)



 Cyan (64%)

 Magenta (73%)

 Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D456C 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 5D456C by changing the saturation by 10% instead.



5D456C



5D456C

FFFFFF



452E54



9076A0



2E193C



AB8FBB



1A0027



C6AAD6



000110



E2C5F3



000000



FFE1FF

FFFEFF



5D456C



5D456C



593A6C



61506C

■ 552F6C

■ 655B6C

■ 51256C

■ 69656C

■ 4C1A6C

■ 6E706C

■ 480F6C

■ 727B6C

■ 44046C

■ 76866C

■ 42006C

■ 7A916C

■ 7E9B6C

■ 82A66C

Harmonies

Analogous

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



3F4D76



5D456C



6F3F5A

Triad

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



5D456C



644926



005958

Complementary

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



5D456C



546C45

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.



1C5842



5D456C



515025

Square

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



5D456C



714232



3A5530



00586B

Rectangle

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



5D456C



753D4C



3A5530



005951

Sweetspot

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



5D456C



867D8C



45556C



443E47



C7C7C7



474747

Same Dimension

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



5D456C



75508C



6C4568



333036



480075



9700F5

Inverse Universe

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



6C4554



8C5067



456C49



363032



75002D



F5005E

Previews

White Background



This preview shows how the Hex color 5D456C 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

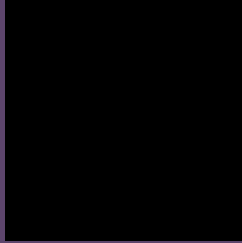
Any Text WCAG AA × Fail

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 5D456C Background



This preview shows how black text looks on a background with the Hex color 5D456C.



This preview shows how white text looks on a background with the Hex color 5D456C.

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
5D456C

Protanopia
424D73

Deuteranopia
464D6A



Tritanopia
594B50

Trichromacy



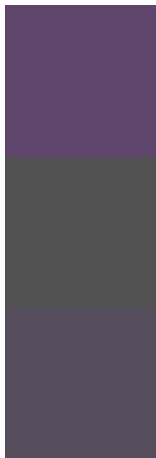
Original Color
5D456C

Protanomaly
4C4A70

Deuteranomaly
4E4A6B

Tritanomaly
5A495A

Monochromacy



Original Color
5D456C

Achromatopsia
515151

Achromatomaly
554D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D456C 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 #5D456C looks like.

```
.text, #text, p{  
    color:#5D456C  
}
```

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 #5D456C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D456C
}
```

Border

The CSS property to change the border of an element to Hex 5D456C is called "border". The border property can be set on classes, ids or directly on the HTML element.

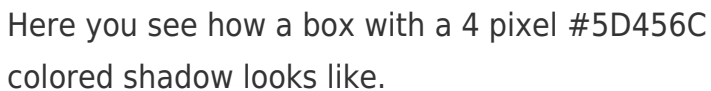
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D456C }
```

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

```
.border{ border-color:#5D456C }
```

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



Here you see how a box with a 4 pixel #5D456C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D456C; -webkit-box-shadow:4px 4px  
4px 4px #5D456C; box-shadow:4px 4px 4px  
4px #5D456C }
```

Background

The CSS property to change the background color of an element to Hex 5D456C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D456C }
```

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

```
.background{ background-color:#5D456C }
```

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