

Converting Colors

Hex(57576F)

Have a look what the booklet for
Hex(57576F) contains.

Hex(57576F)	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(57576F)

Conversions

Conversions Part 1

Format	Color
Hex	57576F
RGB	87, 87, 111
RGB Percent	34%, 34%, 44%
CMY	0.6588, 0.6588, 0.5647
CMYK	0.22, 0.22, 0.00, 0.56
HSL	240°, 12%, 39%
HSV	240°, 22%, 44%
XYZ	10.2079, 9.9903, 16.4292
YIQ	89.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

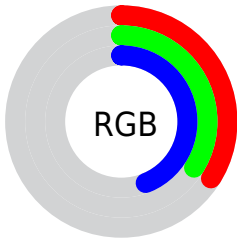
Format	Color
R_{YB}	87, 87, 111
Decimal	5724015
CIE _{Lab}	37.83, 5.66, -13.67
CIE _{LCh}	38, 14.800, 292.497
Yxy	9.9903, 0.2787, 0.2728
Android (android.graphics.Color)	4283914095 (0xFF57576F)
YUV	89.7360, 10.4832, -2.3995
Hunter-Lab	31.6075, 2.3351, -8.6931

Details

The Hex color **57576F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6F57**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8989A3**, and **292A3F** is the 20% darker color. If you saturate the color by 10%, you get **4C4C6F**, and if you desaturate by 10%, it is **62626F**.

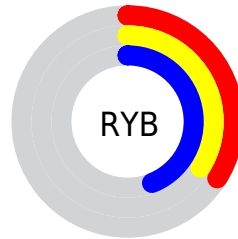
Distribution



 Red (34%)

 Green (34%)

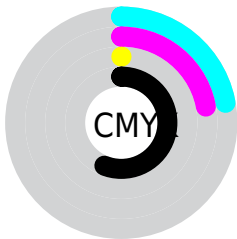
 Blue (44%)



 Red (34%)

 Yellow (34%)

 Blue (44%)

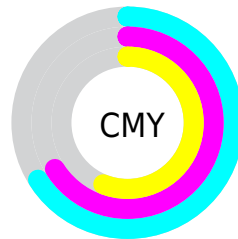


 Cyan (22%)

 Magenta (22%)

 Yellow (0%)

 Black (56%)



 Cyan (66%)

 Magenta (66%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57576F 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 57576F by changing the saturation by 10% instead.

■ 57576F

■ 57576F

FFFFFF

■ 3F4057

■ 8989A3

■ 292A3F

■ A4A3BE

■ 141629

■ BFBEDA

■ 000115

■ DBDAF6

■ 000000

■ F7F6FF

■ 57576F

■ 57576F

■ 4C4C6F

■ 62626F

■ 41416F

■ 6D6D6F

■ 36366F

■ 78786F

■ 2B2B6F

■ 83836F

■ 20206F

■ 8F8F6F

■ 14146F

■ 9A9A6F

■ 09096F

■ A5A56F

■ 00006F

■ B0B06F

■ BBBB6F

Harmonies

Analogous

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



475B70



57576F



665368

Triad

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



57576F



6E5347



3E6055

Complementary

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



57576F



6F6F57

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.



4B5E4A



57576F



655741

Square

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



57576F



725150



585B43



376062

Rectangle

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



57576F



6C5161



585B43



425F51

Sweetspot

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



57576F



898991



576F6F



45454A



C9C9C9



4A4A4A

Same Dimension

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



57576F



6C6C91



63576F



323238



000078



0000F7

Inverse Universe

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



6F576F



916C91



636F57



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 57576F looks on a white background.

Color Contrast Check

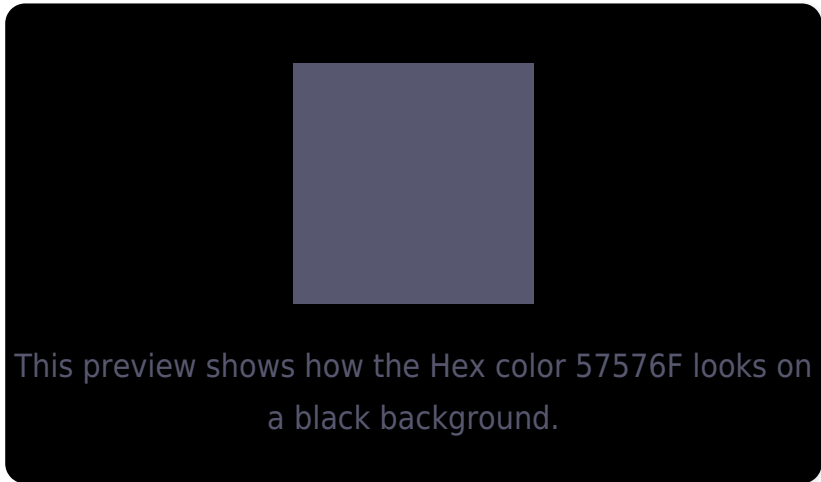
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

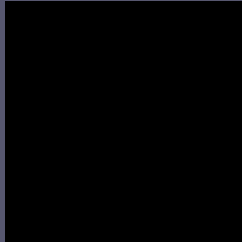
Any Text WCAG AA × Fail

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 57576F Background



This preview shows how black text looks on a background with the Hex color 57576F.



This preview shows how white text looks on a background with the Hex color 57576F.

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
57576F

Protanopia
535870

Deuteranopia
56576F



Tritanopia
545A61

Trichromacy



Original Color
57576F

Protanomaly
545870

Deuteranomaly
56576F

Tritanomaly
555966

Monochromacy



Original Color
57576F

Achromatopsia
5A5A5A

Achromatomaly
595962

CSS Examples

Text

The CSS property to change the color of the text to Hex 57576F 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 #57576F looks like.

```
.text, #text, p{  
    color:#57576F  
}
```

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 #57576F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57576F
}
```

Border

The CSS property to change the border of an element to Hex 57576F is called "border". The border property can be set on classes, ids or directly on the HTML element.

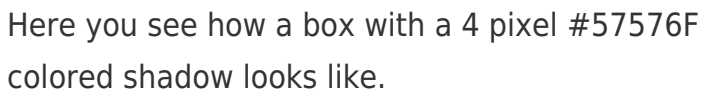
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57576F }
```

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

```
.border{ border-color:#57576F }
```

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



Here you see how a box with a 4 pixel #57576F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57576F; -webkit-box-shadow:4px 4px  
4px 4px #57576F; box-shadow:4px 4px 4px  
4px #57576F }
```

Background

The CSS property to change the background color of an element to Hex 57576F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57576F }
```

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

```
.background{ background-color:#57576F }
```

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