

Converting Colors

Hex(585A64)

Have a look what the booklet for
Hex(585A64) contains.

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Color

Hex(585A64)

Conversions

Conversions Part 1

Format	Color
Hex	585A64
RGB	88, 90, 100
RGB Percent	35%, 35%, 39%
CMY	0.6549, 0.6471, 0.6078
CMYK	0.12, 0.10, 0.00, 0.61
HSL	230°, 6%, 37%
HSV	230°, 12%, 39%
XYZ	9.9809, 10.3071, 13.5200
YIQ	90.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

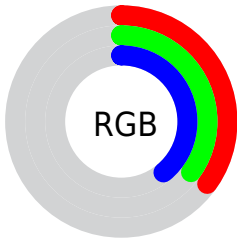
Format	Color
R_{YB}	88, 90, 100
Decimal	5790308
CIE Lab	38.39, 1.46, -6.01
CIE LCh	38, 6.181, 283.672
Yxy	10.3071, 0.2952, 0.3049
Android (android.graphics.Color)	4283980388 (0xFF585A64)
YUV	90.5420, 4.6628, -2.2293
Hunter-Lab	32.1047, -0.6901, -2.4950

Details

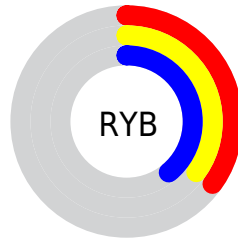
The Hex color **585A64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **646258**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8A8C97**, and **2B2D35** is the 20% darker color. If you saturate the color by 10%, you get **4E5264**, and if you desaturate by 10%, it is **626264**.

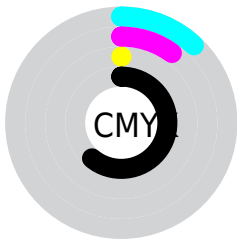
Distribution



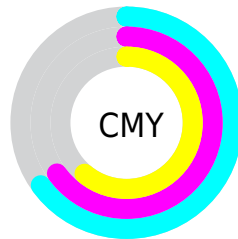
- Red (35%)
- Green (35%)
- Blue (39%)



- Red (35%)
- Yellow (35%)
- Blue (39%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (61%)



- Cyan (65%)
- Magenta (65%)
- Yellow (61%)
- Black (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585A64 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 585A64 by changing the saturation by 10% instead.



585A64



585A64

FFFFFF



41434C



8A8C97



2B2D35



A4A6B1



161820



BFC1CD



000008



DBDDE9



000000



F8FAFF



585A64



585A64



4E5264



626264



444964



6C6B64

■ 3A4164

■ 767364

■ 303964

■ 807B64

■ 263064

■ 8A8464

■ 1C2864

■ 948C64

■ 122064

■ 9E9464

■ 081764

■ A89D64

■ 001164

■ B2A564

Harmonies

Analogous

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



525C64



585A64



5E5862

Triad

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



585A64



655854



515D57

Complementary

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



585A64



646258

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.



565C53



585A64



615951

Square

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



585A64



655758



5C5B51



4E5D5D

Rectangle

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



585A64



62585F



5C5B51



535D56

Sweetspot

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



585A64



7D7E82



586462



3F4042



C2C2C2



424242

Same Dimension

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



585A64



707382



5C5864



2E2F33



001373



0028F2

Inverse Universe

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



64585A



827073



606458



332E2F



730013



F20028

Previews

White Background



This preview shows how the Hex color 585A64 looks on a white background.

Color Contrast Check

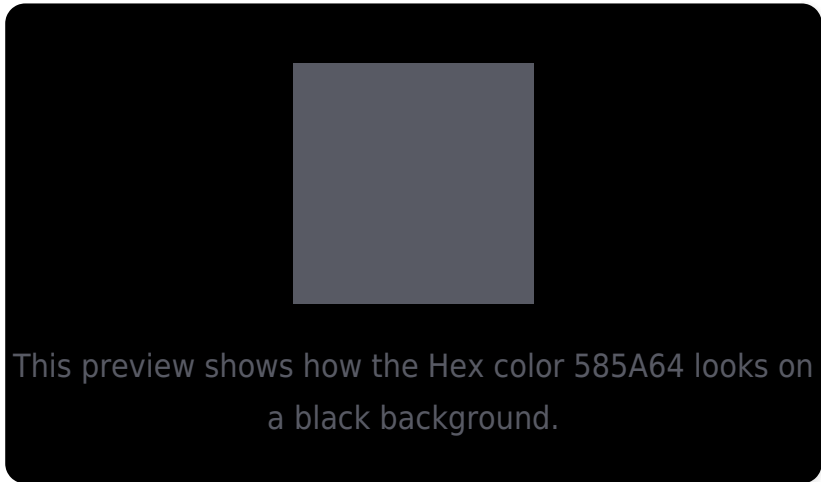
Large Text (above 18pt) WCAG AA ✓ Pass

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

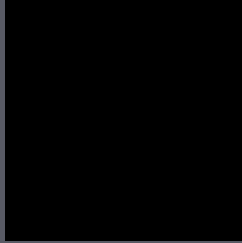
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

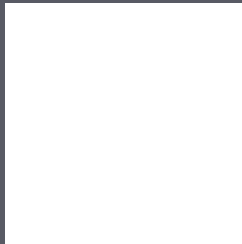
Any Text WCAG AAA × Fail

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

Hex 585A64 Background



This preview shows how black text looks on a background with the Hex color 585A64.



This preview shows how white text looks on a background with the Hex color 585A64.

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
585A64

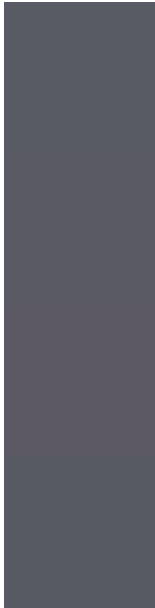
Protanopia
595A64

Deuteranopia
5E5864



Tritanopia
585A62

Trichromacy



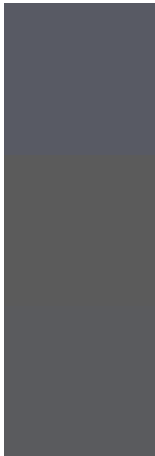
Original Color
585A64

Protanomaly
595A64

Deuteranomaly
5C5964

Tritanomaly
585A63

Monochromacy



Original Color
585A64

Achromatopsia
5B5B5B

Achromatomaly
5A5B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 585A64 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 #585A64 looks like.

```
.text, #text, p{  
    color:#585A64  
}
```

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 #585A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585A64
}
```

Border

The CSS property to change the border of an element to Hex 585A64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

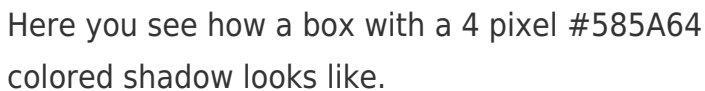
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585A64 }
```

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

```
.border{ border-color:#585A64 }
```

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



Here you see how a box with a 4 pixel #585A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585A64; -webkit-box-shadow:4px 4px  
4px 4px #585A64; box-shadow:4px 4px 4px  
4px #585A64 }
```

Background

The CSS property to change the background color of an element to Hex 585A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585A64 }
```

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

```
.background{ background-color:#585A64 }
```

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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