

Converting Colors

Hex(585569)

Have a look what the booklet for
Hex(585569) contains.

Hex(585569)	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(585569)

Conversions

Conversions Part 1

Format	Color
Hex	585569
RGB	88, 85, 105
RGB Percent	35%, 33%, 41%
CMY	0.6549, 0.6667, 0.5882
CMYK	0.16, 0.19, 0.00, 0.59
HSL	249°, 11%, 37%
HSV	249°, 19%, 41%
XYZ	9.8228, 9.5916, 14.6983
YIQ	88.1770, -4.6320, 6.8560

Conversions

Conversions Part 2

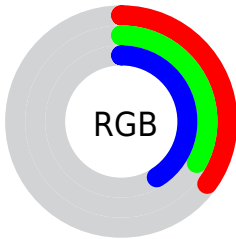
Format	Color
R_{YB}	88, 85, 105
Decimal	5789033
CIE Lab	37.10, 5.76, -11.05
CIE LCh	37, 12.459, 297.556
Yxy	9.5916, 0.2880, 0.2812
Android (android.graphics.Color)	4283979113 (0xFF585569)
YUV	88.1770, 8.2937, -0.1552
Hunter-Lab	30.9704, 2.4164, -6.4593

Details

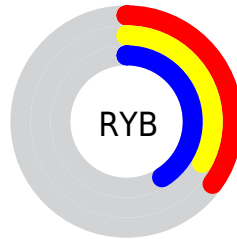
The Hex color **585569** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **666955**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8A879C**, and **2A283A** is the 20% darker color. If you saturate the color by 10%, you get **4F4A69**, and if you desaturate by 10%, it is **616069**.

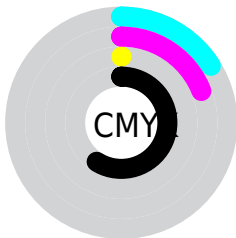
Distribution



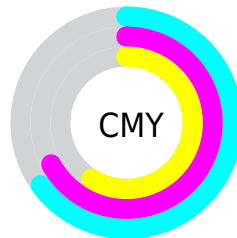
- Red (35%)
- Green (33%)
- Blue (41%)



- Red (35%)
- Yellow (33%)
- Blue (41%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585569 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 585569 by changing the saturation by 10% instead.

■ 585569

■ 585569

FFFFFF

■ 413E51

■ 8A879C

■ 2A283A

■ A4A1B7

■ 161424

■ C0BCD3

■ 00010E

■ DBD7EF

■ 000000

■ F8F4FF

■ 585569

■ 585569

■ 4F4A69

■ 616069

■ 464069

■ 6A6A69

■ 3D3569

■ 737569

■ 342B69

■ 7C7F69

■ 2B2169

■ 858A69

■ 221669

■ 8E9469

■ 1A0B69

■ 969E69

■ 110169

■ 9FA969

■ 100069

■ A8B369

Harmonies

Analogous

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



4B586B



585569



645262

Triad

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



585569



685347



405D56

Complementary

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



585569



666955

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.



4A5C4C



585569



605643

Square

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



585569



6C514E



555945



3C5D60

Rectangle

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



585569



69515C



555945



435D53

Sweetspot

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



585569



83818A



556669



414045



C4C4C4



454545

Same Dimension

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



585569



6F6A8A



625569



313036



120075



2500F5

Inverse Universe

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



695566



8A6A85



5C6955



363035



750064



F500D0

Previews

White Background



This preview shows how the Hex color 585569 looks on a white background.

Color Contrast Check

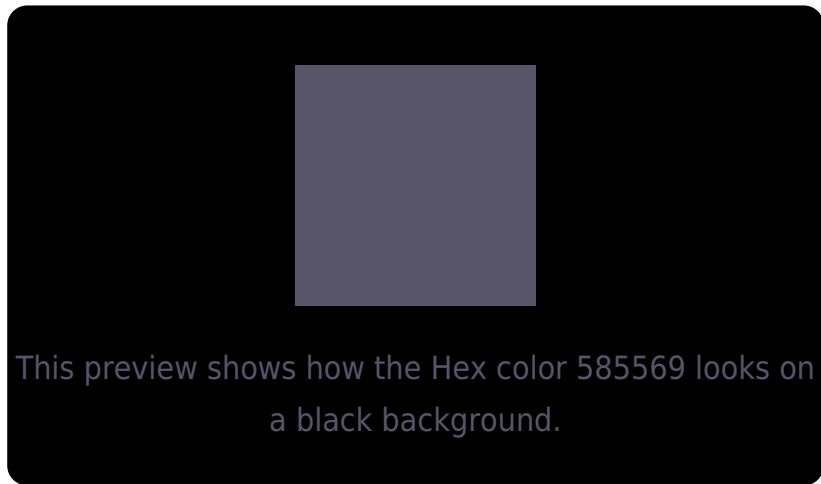
Large Text (above 18pt) WCAG AA ✓ Pass

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

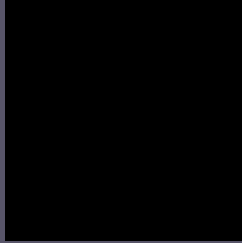
Any Text WCAG AA × Fail

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 585569 Background



This preview shows how black text looks on a background with the Hex color 585569.

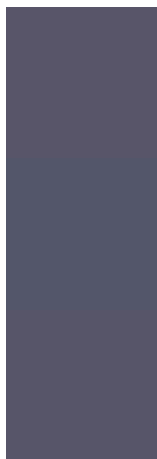


This preview shows how white text looks on a background with the Hex color 585569.

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
585569

Protanopia
53566A

Deuteranopia
575569



Tritanopia
56575E

Trichromacy



Original Color
585569

Protanomaly
55566A

Deuteranomaly
575569

Tritanomaly
575662

Monochromacy



Original Color
585569

Achromatopsia
585858

Achromatomaly
58575E

CSS Examples

Text

The CSS property to change the color of the text to Hex 585569 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 #585569 looks like.

```
.text, #text, p{  
    color:#585569  
}
```

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 #585569 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585569
}
```

Border

The CSS property to change the border of an element to Hex 585569 is called "border". The border property can be set on classes, ids or directly on the HTML element.

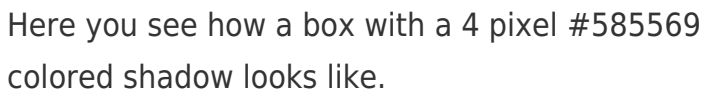
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585569 }
```

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

```
.border{ border-color:#585569 }
```

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



Here you see how a box with a 4 pixel #585569 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585569; -webkit-box-shadow:4px 4px  
4px 4px #585569; box-shadow:4px 4px 4px  
4px #585569 }
```

Background

The CSS property to change the background color of an element to Hex 585569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585569 }
```

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

```
.background{ background-color:#585569 }
```

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