

Converting Colors

Hex(585365)

Have a look what the booklet for
Hex(585365) contains.

Hex(585365)	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(585365)

Conversions

Conversions Part 1

Format	Color
Hex	585365
RGB	88, 83, 101
RGB Percent	35%, 33%, 40%
CMY	0.6549, 0.6745, 0.6039
CMYK	0.13, 0.18, 0.00, 0.60
HSL	257°, 10%, 36%
HSV	257°, 18%, 40%
XYZ	9.4667, 9.2008, 13.5889
YIQ	86.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

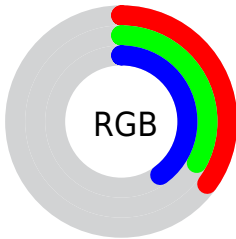
Format	Color
R_{YB}	88, 83, 101
Decimal	5788517
CIE Lab	36.37, 6.05, -9.66
CIE LCh	36, 11.394, 302.046
Yxy	9.2008, 0.2935, 0.2852
Android (android.graphics.Color)	4283978597 (0xFF585365)
YUV	86.5470, 7.1253, 1.2743
Hunter-Lab	30.3328, 2.6265, -5.3285

Details

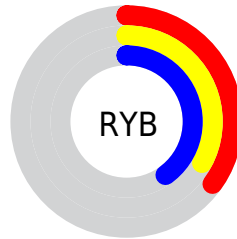
The Hex color **585365** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **606553**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8A8498**, and **2A2636** is the 20% darker color. If you saturate the color by 10%, you get **514965**, and if you desaturate by 10%, it is **5F5D65**.

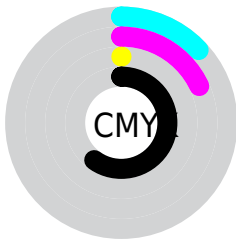
Distribution



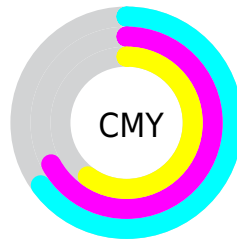
- Red (35%)
- Green (33%)
- Blue (40%)



- Red (35%)
- Yellow (33%)
- Blue (40%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585365 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 585365 by changing the saturation by 10% instead.

■ 585365

■ 585365

FFFFFF

■ 413C4D

■ 8A8498

■ 2A2636

■ A49FB3

■ 161221

■ BFB9CE

■ 000008

■ DBD5EA

■ 000000

■ F8F1FF

■ 585365

■ 585365

■ 514965

■ 5F5D65

■ 493F65

■ 676765

■ 423565

■ 6E7165

■ 3B2B65

■ 757B65

■ 342165

■ 7C8665

■ 2C1665

■ 849065

■ 250C65

■ 8B9A65

■ 1E0265

■ 92A465

■ 1C0065

■ 9AAE65

Harmonies

Analogous

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



4C5668



585365



62505E

Triad

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



585365



645246



405B56

Complementary

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



585365



606553

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.



485A4D



585365



5C5543

Square

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



585365



68504C



525846



3D5A5F

Rectangle

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



585365



664F58



525846



425B53

Sweetspot

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



585365



7D7C82



536065



3F3E42



C2C2C2



424242

Same Dimension

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



585365



6E6782



615365



2F2E33



200073



4300F2

Inverse Universe

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



655360



82677A



576553



332E32



730053



F200AF

Previews

White Background



This preview shows how the Hex color 585365 looks on a white background.

Color Contrast Check

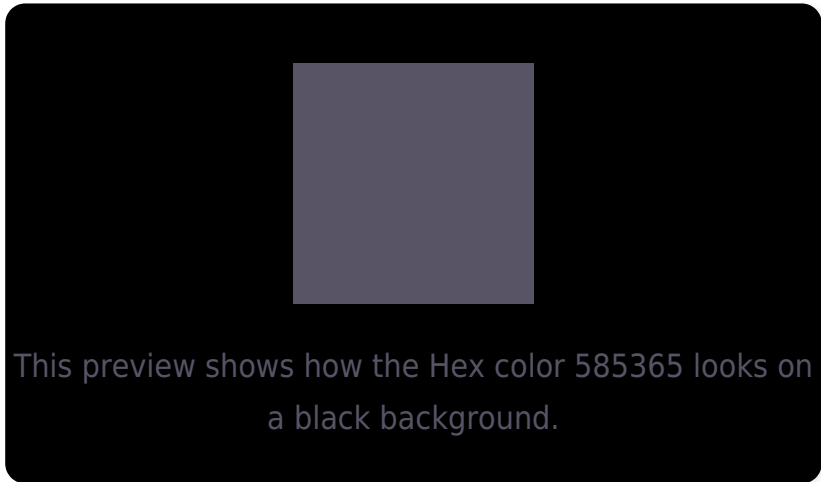
Large Text (above 18pt) WCAG AA ✓ Pass

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

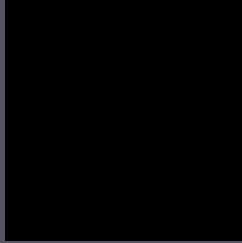
Any Text WCAG AA × Fail

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 585365 Background



This preview shows how black text looks on a background with the Hex color 585365.

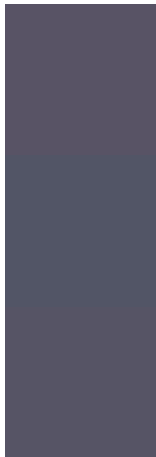


This preview shows how white text looks on a background with the Hex color 585365.

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
585365

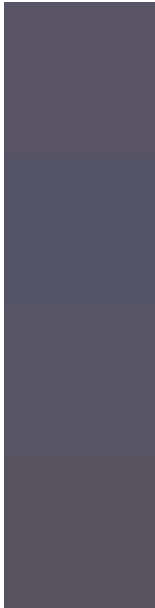
Protanopia
525566

Deuteranopia
565465



Tritanopia
56555B

Trichromacy



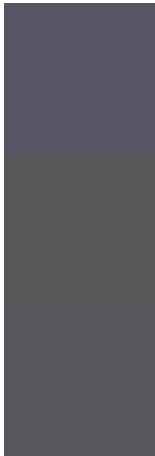
Original Color
585365

Protanomaly
545466

Deuteranomaly
575465

Tritanomaly
57545F

Monochromacy



Original Color
585365

Achromatopsia
575757

Achromatomaly
57565C

CSS Examples

Text

The CSS property to change the color of the text to Hex 585365 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 #585365 looks like.

```
.text, #text, p{  
    color:#585365  
}
```

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 #585365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585365
}
```

Border

The CSS property to change the border of an element to Hex 585365 is called "border". The border property can be set on classes, ids or directly on the HTML element.

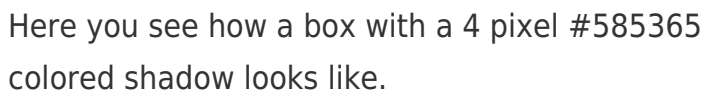
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585365 }
```

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

```
.border{ border-color:#585365 }
```

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



Here you see how a box with a 4 pixel #585365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585365; -webkit-box-shadow:4px 4px  
4px 4px #585365; box-shadow:4px 4px 4px  
4px #585365 }
```

Background

The CSS property to change the background color of an element to Hex 585365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585365 }
```

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

```
.background{ background-color:#585365 }
```

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