

Converting Colors

Hex(565459)

Have a look what the booklet for
Hex(565459) contains.

Hex(565459)	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(565459)

Conversions

Conversions Part 1

Format	Color
Hex	565459
RGB	86, 84, 89
RGB Percent	34%, 33%, 35%
CMY	0.6627, 0.6706, 0.6510
CMYK	0.03, 0.06, 0.00, 0.65
HSL	264°, 3%, 34%
HSV	264°, 6%, 35%
XYZ	8.8112, 9.0403, 10.7318
YIQ	85.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

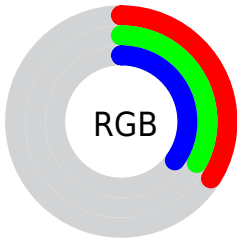
Format	Color
RYB	86, 84, 89
Decimal	5657689
CIELab	36.06, 1.89, -2.62
CIELCh	36, 3.232, 305.742
Yxy	9.0403, 0.3083, 0.3163
Android (android.graphics.Color)	4283847769 (0xFF565459)
YUV	85.1680, 1.8892, 0.7297
Hunter-Lab	30.0672, -0.3078, -0.1151

Details

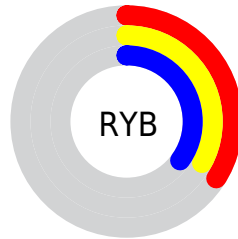
The Hex color **565459** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **575954**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **88858B**, and **29272C** is the 20% darker color. If you saturate the color by 10%, you get **514B59**, and if you desaturate by 10%, it is **5B5D59**.

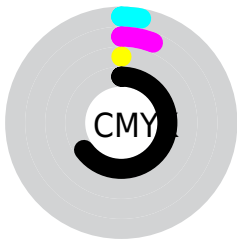
Distribution



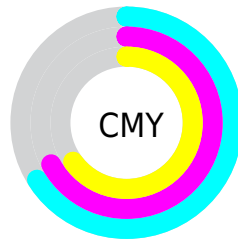
- Red (34%)
- Green (33%)
- Blue (35%)



- Red (34%)
- Yellow (33%)
- Blue (35%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (65%)



- Cyan (66%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565459 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 565459 by changing the saturation by 10% instead.

■ 565459

■ 565459

FFFFFF

■ 3F3D42

■ 88858B

■ 29272C

■ A2A0A5

■ 151317

■ BDBBC0

■ 000000

■ D9D6DC

■ F5F3F9

■ 565459

■ 565459

■ 514B59

■ 5B5D59

■ 4B4259

■ 616659

■ 463959

■ 666F59

■ 413059

■ 6B7859

■ 3B2859

■ 718159

■ 361F59

■ 768959

■ 311659

■ 7B9259

■ 2B0D59

■ 819B59

■ 260459

■ 86A459

Harmonies

Analogous

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



53555A



565459



595357

Triad

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



565459



595450



4F5655

Complementary

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



565459



575954

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.



515653



565459



575550

Square

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



565459



5A5352



545651



4F5658

Rectangle

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



565459



5A5355



545651



4F5654

Sweetspot

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



565459



717073



545759



3A393B



BABABA



3B3B3B

Same Dimension

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



565459



6E6B73



595459



29282B



2B006B



5E00EB

Inverse Universe

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



595457



736B70



555954



2B282A



6B0040



EB008D

Previews

White Background



This preview shows how the Hex color 565459 looks on a white background.

Color Contrast Check

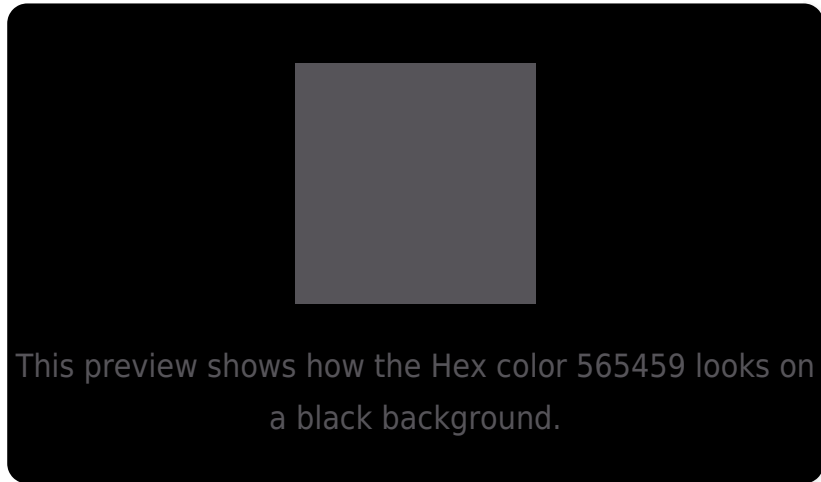
Large Text (above 18pt) WCAG AA ✓ Pass

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

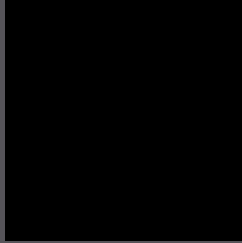
Any Text WCAG AA × Fail

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 565459 Background



This preview shows how black text looks on a background with the Hex color 565459.



This preview shows how white text looks on a background with the Hex color 565459.

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
565459

Protanopia
555459

Deuteranopia
5B5259



Tritanopia
56545A

Trichromacy



Original Color

565459

Protanomaly

555459

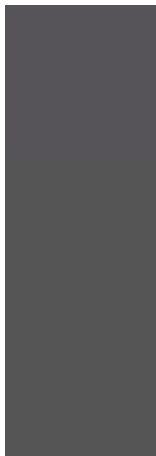
Deuteranomaly

595359

Tritanomaly

56545A

Monochromacy



Original Color

565459

Achromatopsia

555555

Achromatomaly

555556

CSS Examples

Text

The CSS property to change the color of the text to Hex 565459 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 #565459 looks like.

```
.text, #text, p{  
    color:#565459  
}
```

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 #565459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565459
}
```

Border

The CSS property to change the border of an element to Hex 565459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

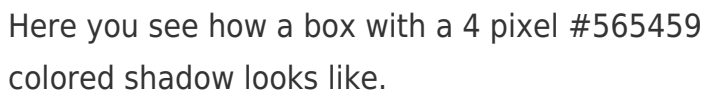
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565459 }
```

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

```
.border{ border-color:#565459 }
```

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



Here you see how a box with a 4 pixel #565459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565459; -webkit-box-shadow:4px 4px  
4px 4px #565459; box-shadow:4px 4px 4px  
4px #565459 }
```

Background

The CSS property to change the background color of an element to Hex 565459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565459 }
```

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

```
.background{ background-color:#565459 }
```

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