

Converting Colors

Hex(535857)

Have a look what the booklet for
Hex(535857) contains.

Hex(535857)	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(535857)

Conversions

Conversions Part 1

Format	Color
Hex	535857
RGB	83, 88, 87
RGB Percent	33%, 35%, 34%
CMY	0.6745, 0.6549, 0.6588
CMYK	0.06, 0.00, 0.01, 0.65
HSL	168°, 3%, 34%
HSV	168°, 6%, 35%
XYZ	8.7773, 9.5066, 10.3892
YIQ	86.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

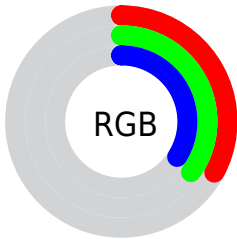
Format	Color
R_{YB}	83, 86, 88
Decimal	5462103
CIE Lab	36.94, -2.20, -0.11
CIE LCh	37, 2.199, 182.917
Yxy	9.5066, 0.3061, 0.3316
Android (android.graphics.Color)	4283652183 (0xFF535857)
YUV	86.3910, 0.3002, -2.9739
Hunter-Lab	30.8327, -3.1428, 1.6050

Details

The Hex color **535857** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **585354**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **848A89**, and **262B2A** is the 20% darker color. If you saturate the color by 10%, you get **4A5855**, and if you desaturate by 10%, it is **5C5859**.

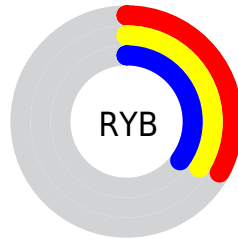
Distribution



Red (33%)

Green (35%)

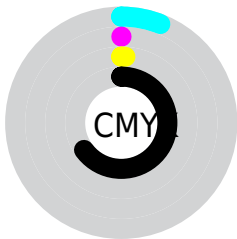
Blue (34%)



Red (33%)

Yellow (34%)

Blue (35%)

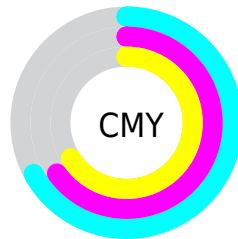


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (65%)



Cyan (67%)

Magenta (65%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535857 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 535857 by changing the saturation by 10% instead.



535857



535857

FFFFFF



3C4140



848A89



262B2A



9FA4A3



121615



B9BFBE



000000



D5DBDA



F2F8F6



535857



535857



4A5855



5C5859



415853



65585B

■ 395852

■ 6D585C

■ 305850

■ 76585E

■ 27584E

■ 7F5860

■ 1E584C

■ 885862

■ 15584B

■ 915863

■ 0D5849

■ 995865

■ 045847

■ A25867

Harmonies

Analogous

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



545855



535857



535859

Triad

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



535857



58565A



5A5654

Complementary

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



535857



585354

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.



5B5655



535857



595659

Square

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



535857



55575A



5B5657



585753

Rectangle

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



535857



53585A



5B5657



5A5654

Sweetspot

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



535857



707372



545853



393B3A



BABABA



3B3B3B

Same Dimension

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



535857



6B7371



535658



282B2B



006B56



00EBBC

Inverse Universe

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



585354



736B6C



585553



2B2829



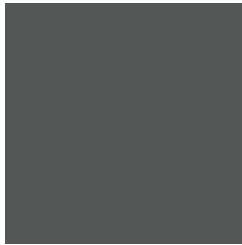
6B0015



EB002F

Previews

White Background



This preview shows how the Hex color 535857 looks on a white background.

Color Contrast Check

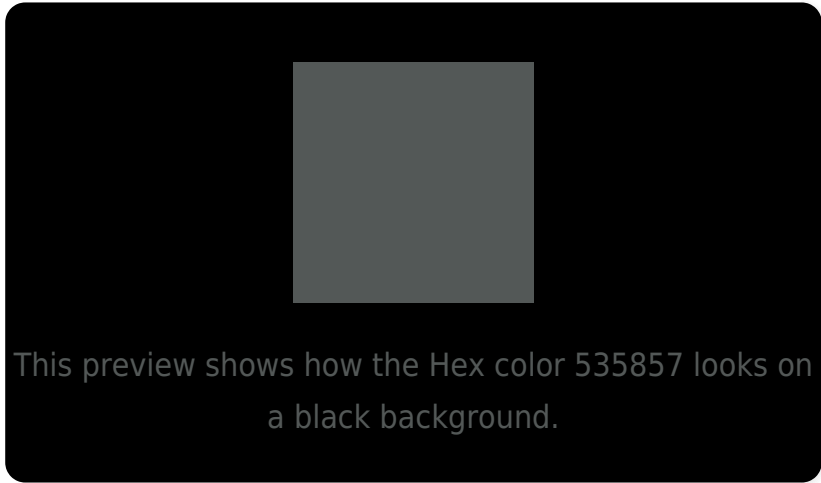
Large Text (above 18pt) WCAG AA ✓ Pass

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

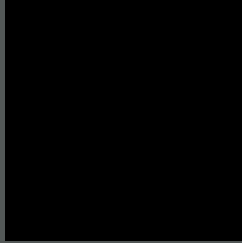
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

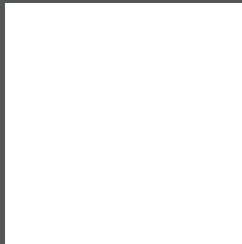
Any Text WCAG AAA × Fail

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

Hex 535857 Background



This preview shows how black text looks on a background with the Hex color 535857.



This preview shows how white text looks on a background with the Hex color 535857.

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
535857

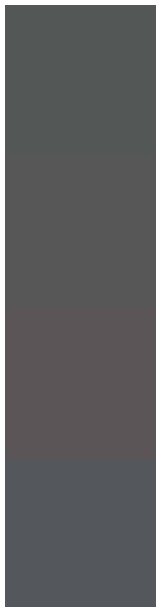
Protanopia
585656

Deuteranopia
5F5458



Tritanopia
54575E

Trichromacy



Original Color

535857

Protanomaly

565756

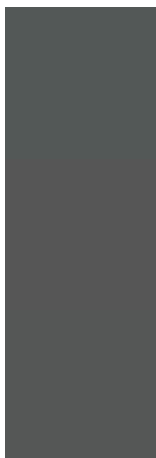
Deuteranomaly

5B5558

Tritanomaly

54575B

Monochromacy



Original Color

535857

Achromatopsia

565656

Achromatomaly

555756

CSS Examples

Text

The CSS property to change the color of the text to Hex 535857 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 #535857 looks like.

```
.text, #text, p{  
    color:#535857  
}
```

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 #535857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535857
}
```

Border

The CSS property to change the border of an element to Hex 535857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

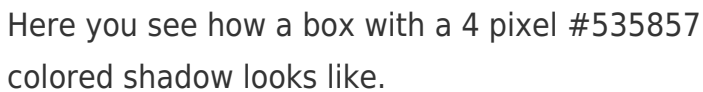
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535857 }
```

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

```
.border{ border-color:#535857 }
```

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



Here you see how a box with a 4 pixel #535857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535857; -webkit-box-shadow:4px 4px  
4px 4px #535857; box-shadow:4px 4px 4px  
4px #535857 }
```

Background

The CSS property to change the background color of an element to Hex 535857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535857 }
```

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

```
.background{ background-color:#535857 }
```

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