

Converting Colors

Hex(535458)

Have a look what the booklet for
Hex(535458) contains.

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Color

Hex(535458)

Conversions

Conversions Part 1

Format	Color
Hex	535458
RGB	83, 84, 88
RGB Percent	33%, 33%, 35%
CMY	0.6745, 0.6706, 0.6549
CMYK	0.06, 0.05, 0.00, 0.65
HSL	228°, 3%, 34%
HSV	228°, 6%, 35%
XYZ	8.4991, 8.8842, 10.4994
YIQ	84.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

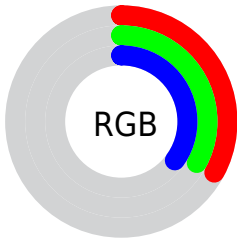
Format	Color
R_YB	83, 84, 88
Decimal	5461080
CIE Lab	35.76, 0.48, -2.47
CIE LCh	36, 2.518, 281.041
Yxy	8.8842, 0.3048, 0.3186
Android (android.graphics.Color)	4283651160 (0xFF535458)
YUV	84.1570, 1.8946, -1.0147
Hunter-Lab	29.8064, -1.2634, -0.0206

Details

The Hex color **535458** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **585753**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **84858A**, and **26272B** is the 20% darker color. If you saturate the color by 10%, you get **4A4D58**, and if you desaturate by 10%, it is **5C5B58**.

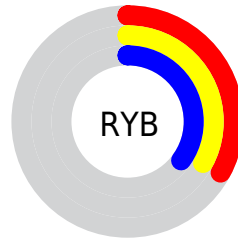
Distribution



Red (33%)

Green (33%)

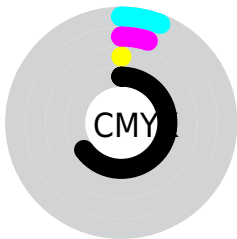
Blue (35%)



Red (33%)

Yellow (33%)

Blue (35%)

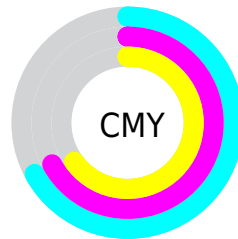


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (65%)



Cyan (67%)

Magenta (67%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535458 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 535458 by changing the saturation by 10% instead.

■ 535458

■ 535458

FFFFFF

■ 3C3D41

■ 84858A

■ 26272B

■ 9FA0A4

■ 121316

■ B9BBBF

■ 000000

■ D5D6DB

■ F1F3F8

■ 535458

■ 535458

■ 4A4D58

■ 5C5B58

■ 414658

■ 656258

■ 393F58

■ 6D6958

■ 303858

■ 767058

■ 273158

■ 7F7758

■ 1E2A58

■ 887E58

■ 152358

■ 918558

■ 0D1C58

■ 998C58

■ 041558

■ A29358

Harmonies

Analogous

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



515558



535458



555357

Triad

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



535458



585352



515553

Complementary

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



535458



585753

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.



535551



535458



575450

Square

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



535458



595353



555450



4F5555

Rectangle

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



535458



575356



555450



515552

Sweetspot

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



535458



707173



535857



393A3B



BABABA



3B3B3B

Same Dimension

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



535458



6B6C73



555358



28292B



00156B



002FEB

Inverse Universe

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



585354



736B6C



565853



2B2829



6B0015



EB002F

Previews

White Background



This preview shows how the Hex color 535458 looks on a white background.

Color Contrast Check

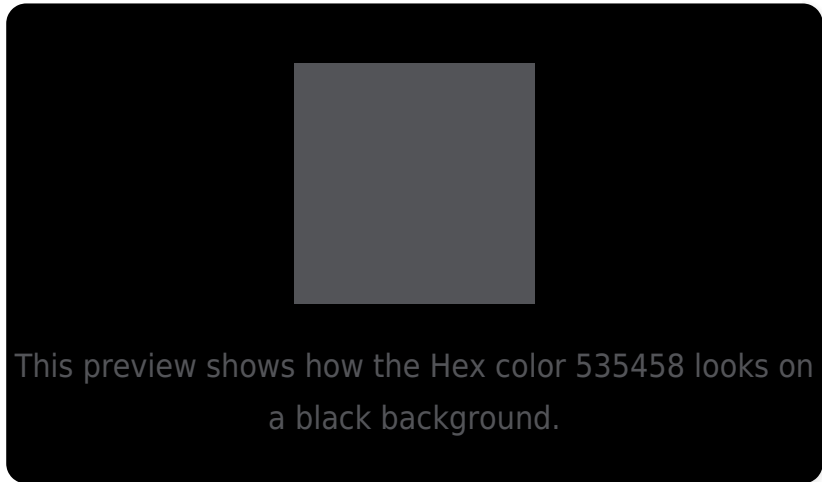
Large Text (above 18pt) WCAG AA ✓ Pass

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

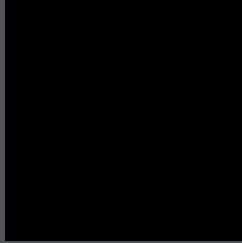
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

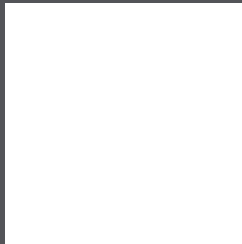
Any Text WCAG AAA × Fail

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

Hex 535458 Background



This preview shows how black text looks on a background with the Hex color 535458.



This preview shows how white text looks on a background with the Hex color 535458.

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
535458

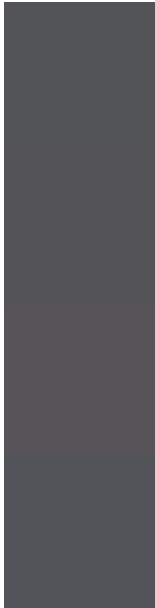
Protanopia
545458

Deuteranopia
5A5258



Tritanopia
53545A

Trichromacy



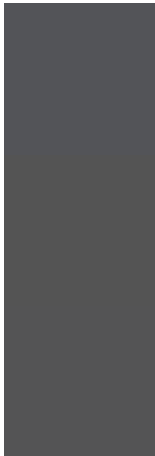
Original Color
535458

Protanomaly
545458

Deuteranomaly
575358

Tritanomaly
535459

Monochromacy



Original Color
535458

Achromatopsia
545454

Achromatomaly
545455

CSS Examples

Text

The CSS property to change the color of the text to Hex 535458 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 #535458 looks like.

```
.text, #text, p{  
    color:#535458  
}
```

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 #535458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535458  
}
```

Border

The CSS property to change the border of an element to Hex 535458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

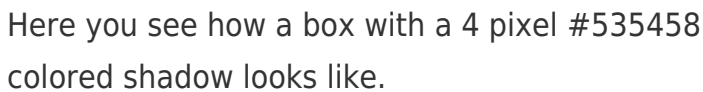
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#535458 }
```

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

```
.border{ border-color:#535458 }
```

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



Here you see how a box with a 4 pixel #535458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535458; -webkit-box-shadow:4px 4px  
4px 4px #535458; box-shadow:4px 4px 4px  
4px #535458 }
```

Background

The CSS property to change the background color of an element to Hex 535458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535458 }
```

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

```
.background{ background-color:#535458 }
```

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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