

# Converting Colors

Hex(535150)

Have a look what the booklet for  
Hex(535150) contains.

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# Color

**Hex(535150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	535150
RGB	83, 81, 80
RGB Percent	33%, 32%, 31%
CMY	0.6745, 0.6824, 0.6863
CMYK	0.00, 0.02, 0.04, 0.67
HSL	20°, 2%, 32%
HSV	20°, 4%, 33%
XYZ	7.9577, 8.3030, 8.7726
YIQ	81.4840, 1.5130, 0.1130

# Conversions

## Conversions Part 2

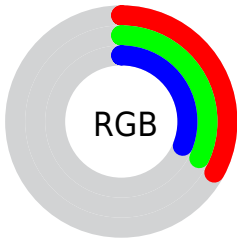
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 82, 80
Decimal	5460304
CIE Lab	34.61, 0.61, 0.87
CIE LCh	35, 1.060, 55.193
Yxy	8.3030, 0.3179, 0.3317
Android (android.graphics.Color)	4283650384 (0xFF535150)
YUV	81.4840, -0.7316, 1.3295
Hunter-Lab	28.8150, -1.1309, 2.1198

# Details

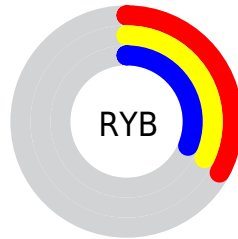
The Hex color **535150** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **505253**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **848281**, and **262524** is the 20% darker color. If you saturate the color by 10%, you get **534B48**, and if you desaturate by 10%, it is **535758**.

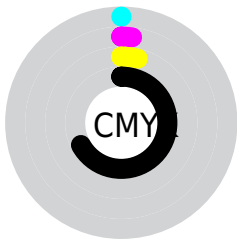
# Distribution



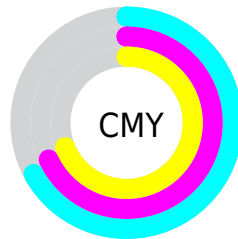
- Red (33%)
- Green (32%)
- Blue (31%)



- Red (33%)
- Yellow (32%)
- Blue (31%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (67%)



- Cyan (67%)
- Magenta (68%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 535150 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 535150 by changing the saturation by 10% instead.



■ 535150

■ 535150

FFFFFF

■ 3C3A39

■ 848281

■ 262524

■ 9F9C9B

■ 120F0E

■ B9B7B6

■ 000000

■ D5D3D2

■ F1EFEE

■ 535150

■ 535150

■ 534B48

■ 535758

■ 53463F

■ 535C61

■ 534037

■ 536269

■ 533B2F

■ 536771

■ 533526

■ 536D79

■ 53301E

■ 537282

■ 532A16

■ 53788A

■ 53250E

■ 537D92

■ 531F05

■ 53839B

# Harmonies

## Analogous

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



535151



535150



525150

# Triad

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



535150



505251



515153

# Complementary

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



535150



505253

# 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.



505153



535150



4F5252

# Square

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



535150



505250



505253



525152

# Rectangle

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



535150



525150



505253



515153



# Sweetspot

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



535150



6B6A6A



535052



363535



B5B5B5



363636



# Same Dimension

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



535150



6B6867



535250



292727



692300



E84D00



# Inverse Universe

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



505253



676A6B



505153



272829



004669



009BE8



# Previews

## White Background



This preview shows how the Hex color 535150 looks on a white background.

## Color Contrast Check

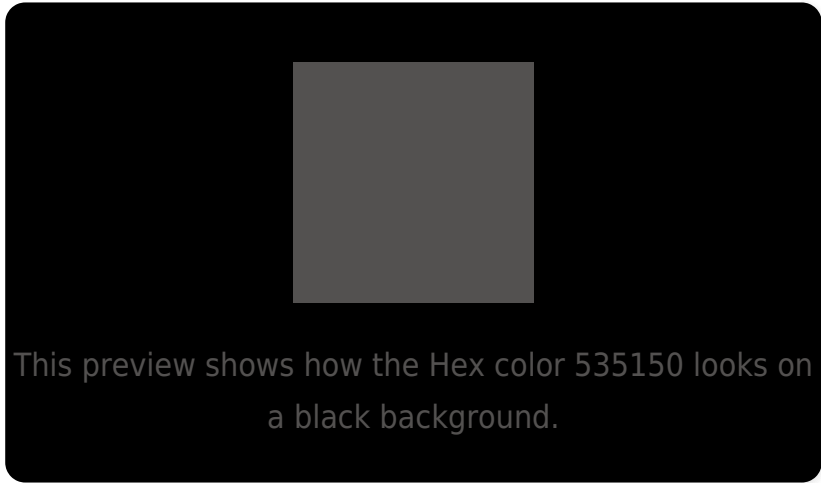
Large Text (above 18pt) WCAG AA ✓ Pass

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

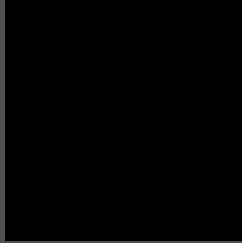
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 535150 Background



This preview shows how black text looks on a background with the Hex color 535150.



This preview shows how white text looks on a background with the Hex color 535150.

# 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**  
535150

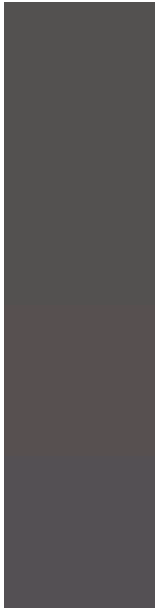
**Protanopia**  
535150

**Deuteranopia**  
594F50



**Tritanopia**  
545056

# Trichromacy



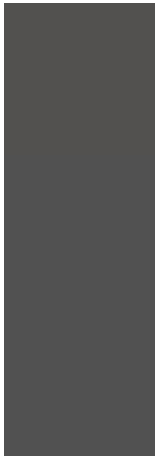
**Original Color**  
535150

**Protanomaly**  
535150

**Deuteranomaly**  
575050

**Tritanomaly**  
545054

# Monochromacy



**Original Color**  
535150

**Achromatopsia**  
515151

**Achromatomaly**  
525151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 535150 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 #535150 looks like.

```
.text, #text, p{  
    color:#535150  
}
```

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 #535150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535150
}
```

## Border

The CSS property to change the border of an element to Hex 535150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

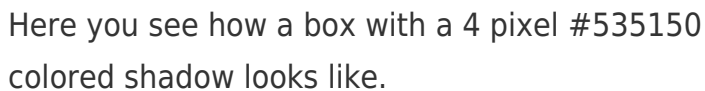
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535150 }
```

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

```
.border{ border-color:#535150 }
```

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



Here you see how a box with a 4 pixel #535150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535150; -webkit-box-shadow:4px 4px  
4px 4px #535150; box-shadow:4px 4px 4px  
4px #535150 }
```

# Background

The CSS property to change the background color of an element to Hex 535150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535150 }
```

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

```
.background{ background-color:#535150 }
```

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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