

# Converting Colors

Hex(535344)

Have a look what the booklet for  
Hex(535344) contains.

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# Color

Hex(535344)

# Conversions

## Conversions Part 1

Format	Color
Hex	535344
RGB	83, 83, 68
RGB Percent	33%, 33%, 27%
CMY	0.6745, 0.6745, 0.7333
CMYK	0.00, 0.00, 0.18, 0.67
HSL	60°, 10%, 30%
HSV	60°, 18%, 33%
XYZ	7.7039, 8.4429, 6.6924
YIQ	81.2900, 4.8150, -4.6650

# Conversions

## Conversions Part 2

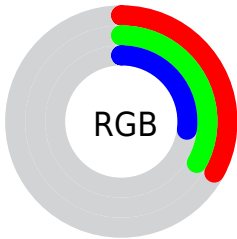
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 83, 68
Decimal	5460804
CIELab	34.89, -2.96, 8.81
CIELCh	35, 9.295, 108.586
Yxy	8.4429, 0.3373, 0.3697
Android (android.graphics.Color)	4283650884 (0xFF535344)
YUV	81.2900, -6.5520, 1.4997
Hunter-Lab	29.0566, -3.5225, 6.6837

# Details

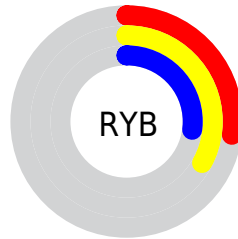
The Hex color **535344** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **444453**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **858474**, and **262619** is the 20% darker color. If you saturate the color by 10%, you get **53533C**, and if you desaturate by 10%, it is **53534C**.

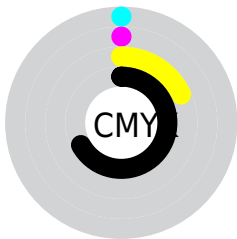
# Distribution



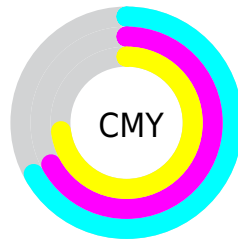
- Red (33%)
- Green (33%)
- Blue (27%)



- Red (27%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (67%)



- Cyan (67%)
- Magenta (67%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 535344 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 535344 by changing the saturation by 10% instead.





535344



535344

FFFFFF



3C3C2E



858474



262619



9F9E8E



121200



BAB9A8



000000



D5D5C3



F2F1DF

FFFFFFC



535344



535344



53533C



53534C

■ 535333

■ 535355

■ 53532B

■ 53535D

■ 535323

■ 535365

■ 53531A

■ 53536D

■ 535312

■ 535376

■ 53530A

■ 53537E

■ 535302

■ 535386

■ 535300

■ 53538F

# Harmonies

## Analogous

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



5B5144



535344



4A5548

# Triad

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



535344



40555D



5F4D55

# Complementary

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



535344



444453

# 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.



594F5C



535344



475460

# Square

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



535344



3F5656



505160



624D4E

# Rectangle

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



535344



45564C



505160



5E4E58



# Sweetspot

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



535344



6B6B66



534444



363632



B5B5B5



363636



# Same Dimension

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



535344



6B6B54



4B5344



292925



696900



E8E800



# Inverse Universe

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



444453



54546B



4B4453



252529



000069



0000E8



# Previews

## White Background



This preview shows how the Hex color 535344 looks on a white background.

## Color Contrast Check

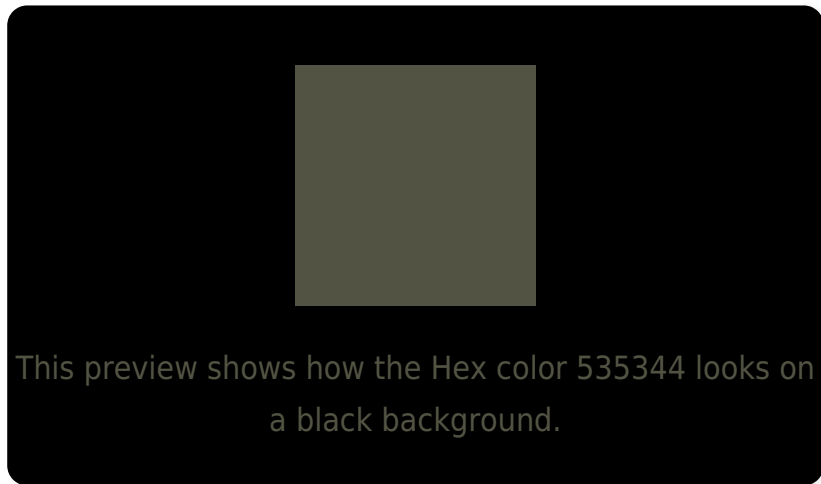
Large Text (above 18pt) WCAG AA ✓ Pass

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

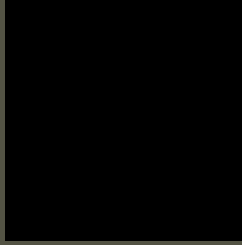
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

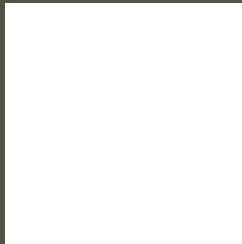
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 535344 Background



This preview shows how black text looks on a background with the Hex color 535344.

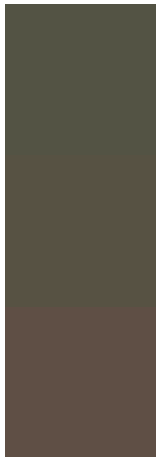


This preview shows how white text looks on a background with the Hex color 535344.

# 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**  
535344

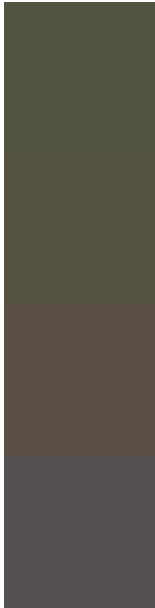
**Protanopia**  
575243

**Deuteranopia**  
5F4F45



**Tritanopia**  
565057

# Trichromacy



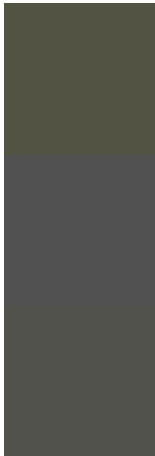
**Original Color**  
535344

**Protanomaly**  
565243

**Deuteranomaly**  
5B5045

**Tritanomaly**  
555150

# Monochromacy



**Original Color**  
535344

**Achromatopsia**  
515151

**Achromatomaly**  
52524C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 535344 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 #535344 looks like.

```
.text, #text, p{  
    color:#535344  
}
```

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 #535344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535344  
}
```

## Border

The CSS property to change the border of an element to Hex 535344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

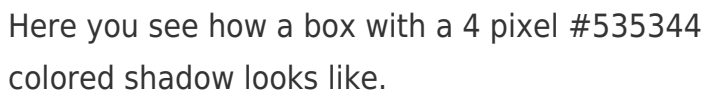
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#535344 }
```

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

```
.border{ border-color:#535344 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #535344 color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #535344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535344; -webkit-box-shadow:4px 4px  
4px 4px #535344; box-shadow:4px 4px 4px  
4px #535344 }
```

# Background

The CSS property to change the background color of an element to Hex 535344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535344 }
```

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

```
.background{ background-color:#535344 }
```

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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