

Converting Colors

Hex(535255)

Have a look what the booklet for
Hex(535255) contains.

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Color

Hex(535255)

Conversions

Conversions Part 1

Format	Color
Hex	535255
RGB	83, 82, 85
RGB Percent	33%, 32%, 33%
CMY	0.6745, 0.6784, 0.6667
CMYK	0.02, 0.04, 0.00, 0.67
HSL	260°, 2%, 33%
HSV	260°, 4%, 33%
XYZ	8.2243, 8.5295, 9.8072
YIQ	82.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

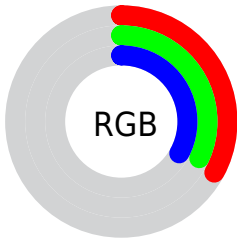
Format	Color
R_{YB}	83, 82, 85
Decimal	5460565
CIE Lab	35.06, 1.06, -1.61
CIE LCh	35, 1.929, 303.205
Yxy	8.5295, 0.3096, 0.3211
Android (android.graphics.Color)	4283650645 (0xFF535255)
YUV	82.6410, 1.1630, 0.3148
Hunter-Lab	29.2052, -0.8432, 0.5339

Details

The Hex color **535255** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **545552**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **848387**, and **262528** is the 20% darker color. If you saturate the color by 10%, you get **4D4A55**, and if you desaturate by 10%, it is **595B55**.

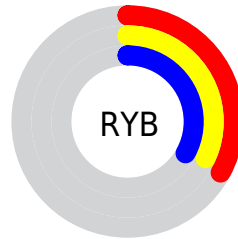
Distribution



Red (33%)

Green (32%)

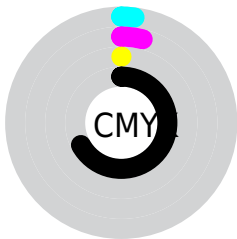
Blue (33%)



Red (33%)

Yellow (32%)

Blue (33%)

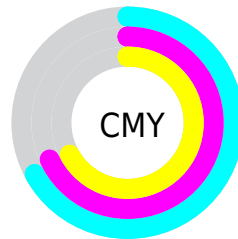


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (67%)



Cyan (67%)

Magenta (68%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535255 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 535255 by changing the saturation by 10% instead.

■ 535255

■ 535255

FFFFFF

■ 3C3B3E

■ 848387

■ 262528

■ 9F9DA1

■ 121114

■ B9B8BC

■ 000000

■ D5D4D7

■ F1F0F4

■ 535255

■ 535255

■ 4D4A55

■ 595B55

■ 484155

■ 5E6355

■ 423955

■ 646B55

■ 3C3055

■ 6A7455

■ 372855

■ 6F7C55

■ 311F55

■ 758555

■ 2B1755

■ 7B8D55

■ 260E55

■ 809655

■ 200655

■ 869E55

Harmonies

Analogous

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



515355



535255



555254

Triad

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



535255



555250



4F5353

Complementary

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



535255



545552

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.



505351



535255



54524F

Square

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



535255



565251



525350



4F5354

Rectangle

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



535255



555153



525350



4F5352

Sweetspot

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



535255



6D6D6E



525455



383838



B8B8B8

Same Dimension

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



535255



6B696E



545255



2A292B



24006B



4E00EB

Inverse Universe

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



555254



6E696C



525552



2B292B



6B0047



EB009C

Previews

White Background



This preview shows how the Hex color 535255 looks on a white background.

Color Contrast Check

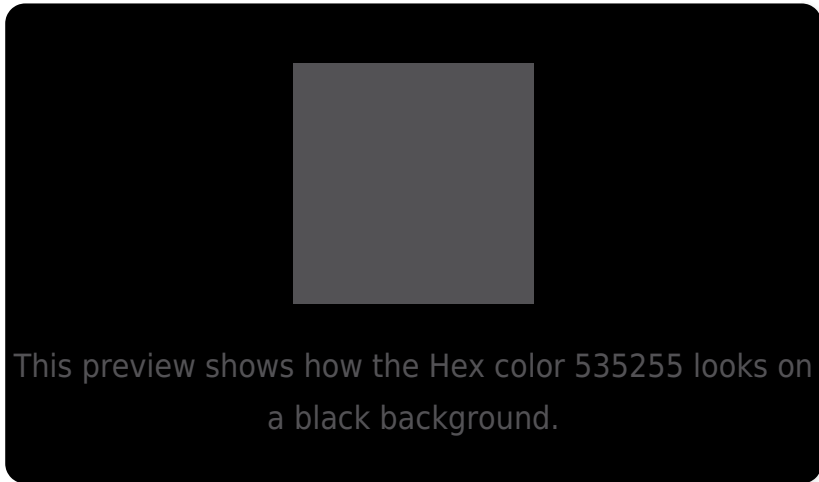
Large Text (above 18pt) WCAG AA ✓ Pass

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

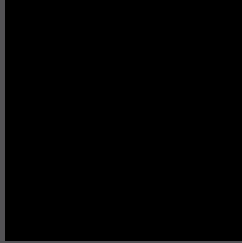
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

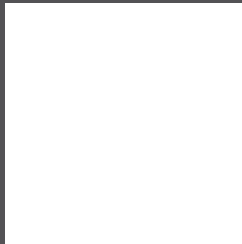
Any Text WCAG AAA × Fail

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

Hex 535255 Background



This preview shows how black text looks on a background with the Hex color 535255.



This preview shows how white text looks on a background with the Hex color 535255.

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
535255

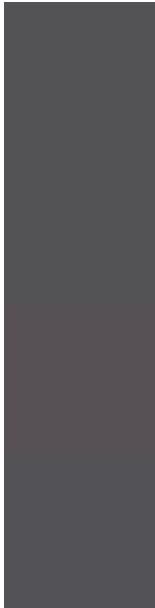
Protanopia
535255

Deuteranopia
595055



Tritanopia
535258

Trichromacy



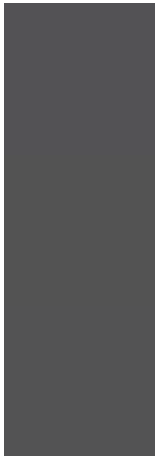
Original Color
535255

Protanomaly
535255

Deuteranomaly
575155

Tritanomaly
535257

Monochromacy



Original Color
535255

Achromatopsia
535353

Achromatomaly
535354

CSS Examples

Text

The CSS property to change the color of the text to Hex 535255 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 #535255 looks like.

```
.text, #text, p{  
    color:#535255  
}
```

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 #535255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535255
}
```

Border

The CSS property to change the border of an element to Hex 535255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

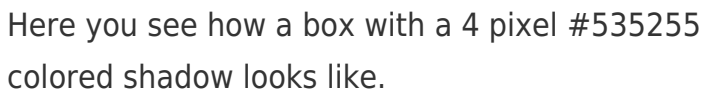
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#535255 }
```

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

```
.border{ border-color:#535255 }
```

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



Here you see how a box with a 4 pixel #535255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535255; -webkit-box-shadow:4px 4px  
4px 4px #535255; box-shadow:4px 4px 4px  
4px #535255 }
```

Background

The CSS property to change the background color of an element to Hex 535255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535255 }
```

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

```
.background{ background-color:#535255 }
```

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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