

# Converting Colors

Hex(555246)

Have a look what the booklet for  
Hex(555246) contains.

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# Color

Hex(555246)

# Conversions

## Conversions Part 1

Format	Color
Hex	555246
RGB	85, 82, 70
RGB Percent	33%, 32%, 27%
CMY	0.6667, 0.6784, 0.7255
CMYK	0.00, 0.04, 0.18, 0.67
HSL	48°, 10%, 30%
HSV	48°, 18%, 33%
XYZ	7.8691, 8.4081, 7.0025
YIQ	81.5290, 5.6400, -3.0960

# Conversions

## Conversions Part 2

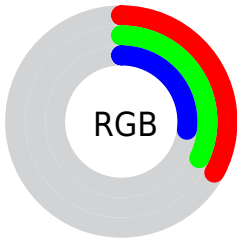
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	74, 85, 70
Decimal	5591622
CIE Lab	34.82, -1.13, 7.49
CIE LCh	35, 7.573, 98.546
Yxy	8.4081, 0.3380, 0.3612
Android (android.graphics.Color)	4283781702 (0xFF555246)
YUV	81.5290, -5.6838, 3.0441
Hunter-Lab	28.9967, -2.3030, 5.9795

# Details

The Hex color **555246** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **464955**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **878376**, and **28251B** is the 20% darker color. If you saturate the color by 10%, you get **55503D**, and if you desaturate by 10%, it is **55544E**.

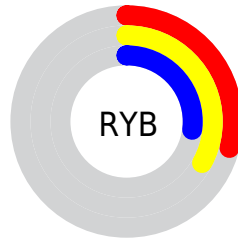
# Distribution



Red (33%)

Green (32%)

Blue (27%)



Red (29%)

Yellow (33%)

Blue (27%)

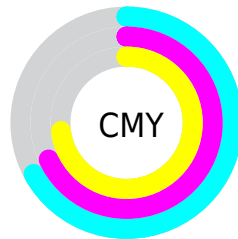


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (67%)



Cyan (67%)

Magenta (68%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 555246 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 555246 by changing the saturation by 10% instead.





555246



555246

FFFFFF



3E3B30



878376



28251B



A19D90



141000



BCB8AA



000000



D8D4C6



F4F0E2

FFFFFFE



555246



555246



55503D



55544E

■ 554F35

■ 555557

■ 554D2D

■ 555760

■ 554B24

■ 555968

■ 554A1C

■ 555A71

■ 554813

■ 555C79

■ 55460B

■ 555E82

■ 554402

■ 55608A

■ 554400

■ 556193

# Harmonies

## Analogous

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



5B5047



555246



4E5448

# Triad

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



555246



435559



5B4E56

# Complementary

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



555246



464955

# 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.



55505B



555246



47545D

# Square

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



555246



435553



4E525E



5F4E50

# Rectangle

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



55246



4A54B



4E25E



5A4F58



# Sweetspot

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



555246



6E6D68



554649



383735



B8B8B8



383838



# Same Dimension

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



555246



6E6957



505546



2B2A27



6B5600



EBBC00



# Inverse Universe

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



464955



575B6E



4A4655



27282B



00156B



002FEB



# Previews

## White Background



This preview shows how the Hex color 555246 looks on a white background.

## Color Contrast Check

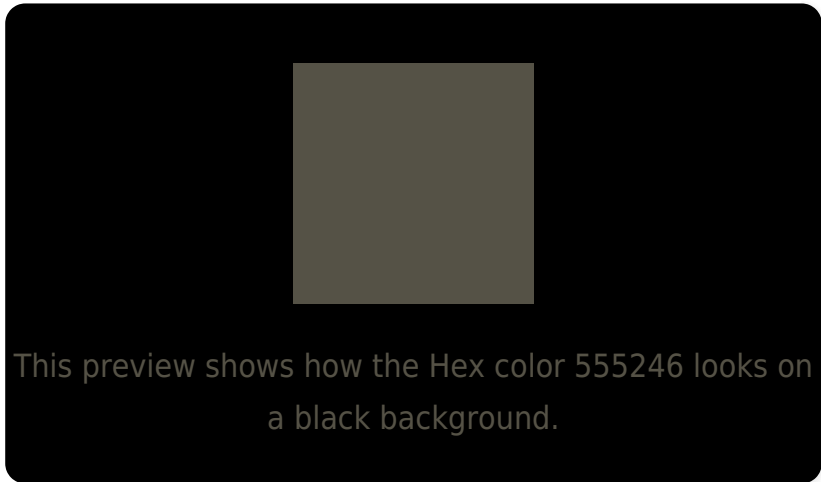
Large Text (above 18pt) WCAG AA ✓ Pass

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

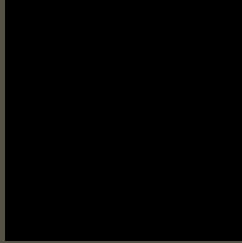
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 555246 Background



This preview shows how black text looks on a background with the Hex color 555246.



This preview shows how white text looks on a background with the Hex color 555246.

# 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**

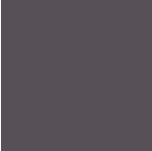
555246

**Protanopia**

565246

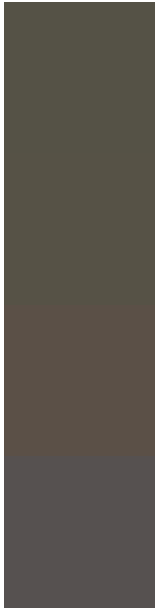
**Deuteranopia**

5E4F47



**Tritanopia**  
575056

# Trichromacy



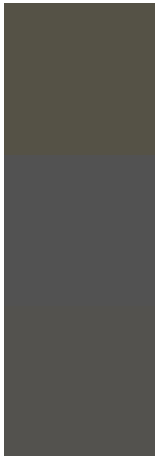
**Original Color**  
555246

**Protanomaly**  
565246

**Deuteranomaly**  
5B5047

**Tritanomaly**  
565150

# Monochromacy



**Original Color**  
555246

**Achromatopsia**  
525252

**Achromatomaly**  
53524E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 555246 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 #555246 looks like.

```
.text, #text, p{  
    color:#555246  
}
```

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 #555246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555246
}
```

## Border

The CSS property to change the border of an element to Hex 555246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

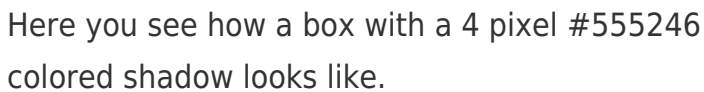
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#555246 }
```

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

```
.border{ border-color:#555246 }
```

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



Here you see how a box with a 4 pixel #555246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555246; -webkit-box-shadow:4px 4px  
4px 4px #555246; box-shadow:4px 4px 4px  
4px #555246 }
```

# Background

The CSS property to change the background color of an element to Hex 555246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555246 }
```

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

```
.background{ background-color:#555246 }
```

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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