

# Converting Colors

Hex(555235)

Have a look what the booklet for  
Hex(555235) contains.

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# Color

Hex(555235)

# Conversions

## Conversions Part 1

Format	Color
Hex	555235
RGB	85, 82, 53
RGB Percent	33%, 32%, 21%
CMY	0.6667, 0.6784, 0.7922
CMYK	0.00, 0.04, 0.38, 0.67
HSL	54°, 23%, 27%
HSV	54°, 38%, 33%
XYZ	7.4062, 8.2229, 4.5650
YIQ	79.5910, 11.0970, -8.3830

# Conversions

## Conversions Part 2

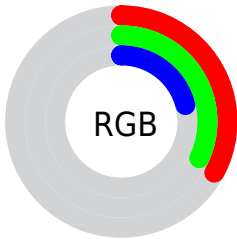
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 85, 53
Decimal	5591605
CIE Lab	34.44, -3.87, 17.49
CIE LCh	34, 17.913, 102.460
Yxy	8.2229, 0.3668, 0.4072
Android (android.graphics.Color)	4283781685 (0xFF555235)
YUV	79.5910, -13.1094, 4.7437
Hunter-Lab	28.6756, -4.0802, 10.6343

# Details

The Hex color **555235** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **353855**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **878364**, and **272509** is the 20% darker color. If you saturate the color by 10%, you get **55512D**, and if you desaturate by 10%, it is **55533D**.

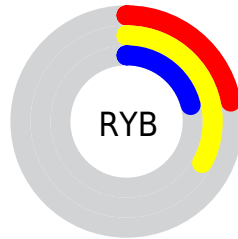
# Distribution



Red (33%)

Green (32%)

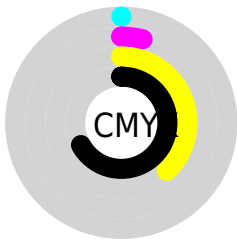
Blue (21%)



Red (22%)

Yellow (33%)

Blue (21%)

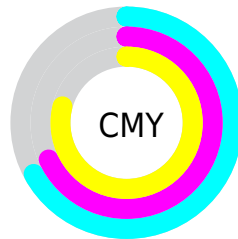


Cyan (0%)

Magenta (4%)

Yellow (38%)

Black (67%)



Cyan (67%)

Magenta (68%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 555235 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 555235 by changing the saturation by 10% instead.



■ 555235

■ 555235

FFFFFF

■ 3D3B1F

■ 878364

■ 272509

■ A29D7D

■ 0E1100

■ BDB897

■ 000000

■ D9D4B2

■ F5F0CD

■ FFFFEA

■ 555235

■ 555235

■ 55512D

■ 55533D

■ 555024

■ 555446

■ 55501C

■ 55544E

■ 554F13

■ 555557

■ 554E0A

■ 55565F

■ 554D02

■ 555768

■ 554D00

■ 555871

■ 555879

■ 555981

# Harmonies

## Analogous

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



624D36



555235



45563C

# Triad

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



555235



245864



68475A

# Complementary

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



555235



353855

# 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.



5A4B66



555235



32556C

# Square

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



555235



265957



47506D



6D464B

# Rectangle

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



555235



3A5843



47506D



64485E



# Sweetspot

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



555235



6E6D62



553538



383731



B8B8B8



383838



# Same Dimension

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



555235



6E693C



485535



2B2B27



6B6100



EBD500



# Inverse Universe

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



353855



3C416E



423555



27272B



000A6B



0016EB



# Previews

## White Background



This preview shows how the Hex color 555235 looks on a white background.

## Color Contrast Check

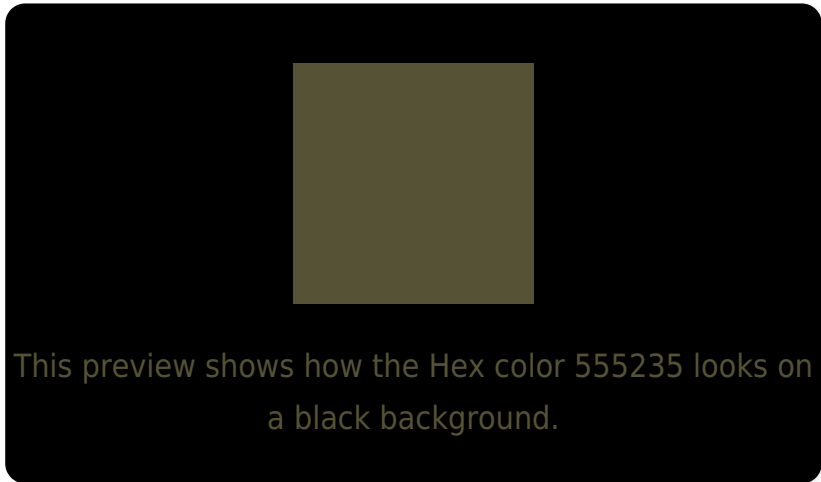
Large Text (above 18pt) WCAG AA ✓ Pass

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

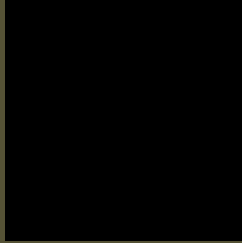
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 555235 Background



This preview shows how black text looks on a background with the Hex color 555235.



This preview shows how white text looks on a background with the Hex color 555235.

# 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](#).

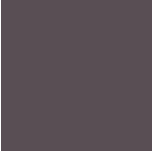
## Dichromacy



**Original Color**  
555235

**Protanopia**  
585135

**Deuteranopia**  
614D36



**Tritanopia**  
594E54

# Trichromacy



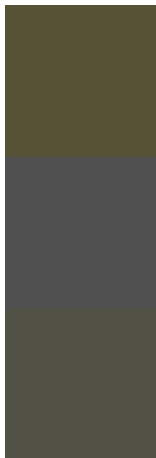
**Original Color**  
555235

**Protanomaly**  
575135

**Deuteranomaly**  
5D4F36

**Tritanomaly**  
584F49

# Monochromacy



**Original Color**  
555235

**Achromatopsia**  
505050

**Achromatomaly**  
525146

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 555235 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 #555235 looks like.

```
.text, #text, p{  
    color:#555235  
}
```

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 #555235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555235
}
```

## Border

The CSS property to change the border of an element to Hex 555235 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".

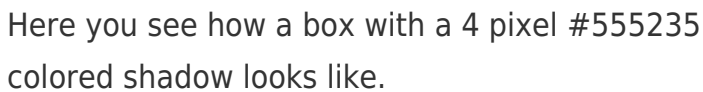
```
.border, #border, table{ border:4px solid
#555235 }
```

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

```
.border{ border-color:#555235 }
```

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

Here you see how a box with a 4 pixel #555235 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555235; -webkit-box-shadow:4px 4px  
4px 4px #555235; box-shadow:4px 4px 4px  
4px #555235 }
```

# Background

The CSS property to change the background color of an element to Hex 555235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555235 }
```

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

```
.background{ background-color:#555235 }
```

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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