

Converting Colors

Hex(555A51)

Have a look what the booklet for
Hex(555A51) contains.

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Color

Hex(555A51)

Conversions

Conversions Part 1

Format	Color
Hex	555A51
RGB	85, 90, 81
RGB Percent	33%, 35%, 32%
CMY	0.6667, 0.6471, 0.6824
CMYK	0.06, 0.00, 0.10, 0.65
HSL	93°, 5%, 34%
HSV	93°, 10%, 35%
XYZ	8.8877, 9.8377, 9.2150
YIQ	87.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

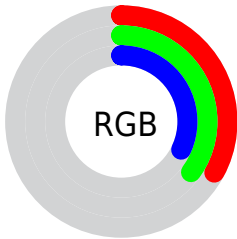
Format	Color
R_{YB}	81, 90, 86
Decimal	5593681
CIE Lab	37.55, -3.87, 4.52
CIE LCh	38, 5.950, 130.605
Yxy	9.8377, 0.3181, 0.3521
Android (android.graphics.Color)	4283783761 (0xFF555A51)
YUV	87.4790, -3.1941, -2.1741
Hunter-Lab	31.3651, -4.3088, 4.5363

Details

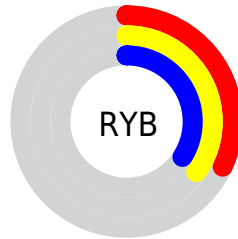
The Hex color **555A51** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **56515A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **878C82**, and **282C24** is the 20% darker color. If you saturate the color by 10%, you get **505A48**, and if you desaturate by 10%, it is **5A5A5A**.

Distribution



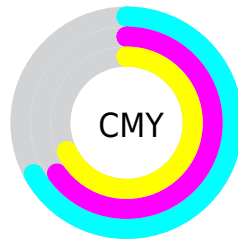
- Red (33%)
- Green (35%)
- Blue (32%)



- Red (32%)
- Yellow (35%)
- Blue (34%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (65%)



- Cyan (67%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555A51 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 555A51 by changing the saturation by 10% instead.

■ 555A51

■ 555A51

FFFFFF

■ 3E433A

■ 878C82

■ 282C24

■ A1A69C

■ 14180F

■ BCC2B7

■ 000000

■ D8DDD3

■ F4FAEF

■ 555A51

■ 555A51

■ 505A48

■ 5A5A5A

■ 4B5A3F

■ 5F5A63

■ 465A36

■ 645A6C

■ 415A2D

■ 695A75

■ 3C5A24

■ 6E5A7E

■ 375A1B

■ 735A87

■ 325A12

■ 785A90

■ 2D5A09

■ 7D5A99

■ 285A00

■ 825AA2

Harmonies

Analogous

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



5B594F



555A51



505B55

Triad

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



555A51



505A61



635557

Complementary

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



555A51



56515A

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.



60555C



555A51



555862

Square

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



555A51



4D5B5E



5B5760



625652

Rectangle

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



555A51



4E5B58



5B5760



625558

Sweetspot

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



555A51



737572



5A5651



393B38



BABABA



3B3B3B

Same Dimension

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



555A51



6D7567



515A51



2B2E29



316E00



69ED00

Inverse Universe

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



56515A



6F6775



5A515A



2C292E



3D006E



8400ED

Previews

White Background



This preview shows how the Hex color 555A51 looks on a white background.

Color Contrast Check

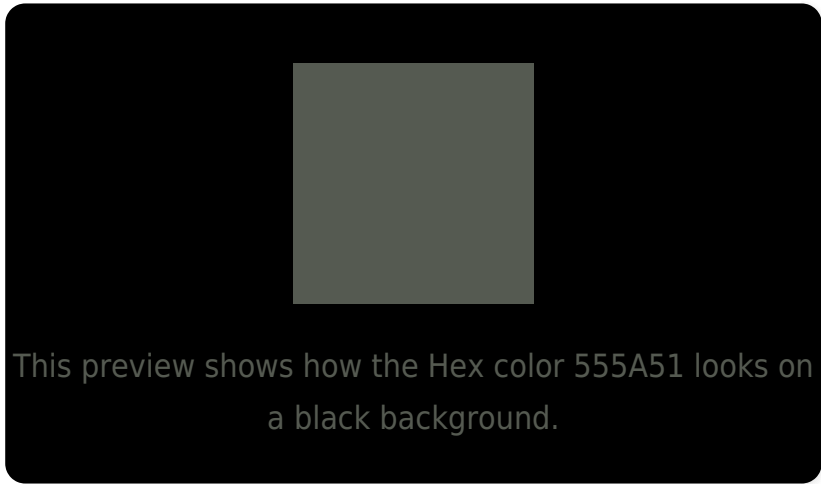
Large Text (above 18pt) WCAG AA ✓ Pass

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

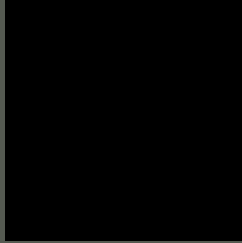
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

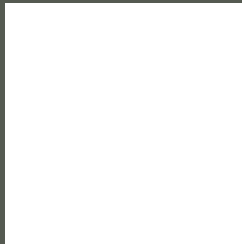
Any Text WCAG AAA × Fail

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

Hex 555A51 Background



This preview shows how black text looks on a background with the Hex color 555A51.



This preview shows how white text looks on a background with the Hex color 555A51.

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
555A51

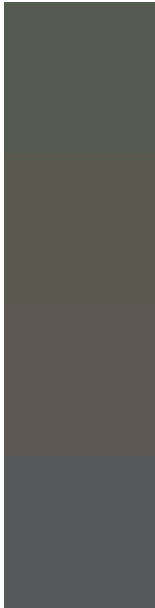
Protanopia
5C5850

Deuteranopia
635552



Tritanopia
57585F

Trichromacy



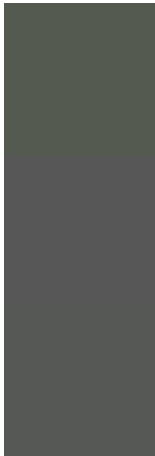
Original Color
555A51

Protanomaly
595950

Deuteranomaly
5E5752

Tritanomaly
56595A

Monochromacy



Original Color
555A51

Achromatopsia
575757

Achromatomaly
565855

CSS Examples

Text

The CSS property to change the color of the text to Hex 555A51 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 #555A51 looks like.

```
.text, #text, p{  
    color:#555A51  
}
```

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 #555A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555A51
}
```

Border

The CSS property to change the border of an element to Hex 555A51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

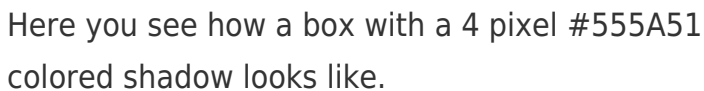
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#555A51 }
```

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

```
.border{ border-color:#555A51 }
```

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



Here you see how a box with a 4 pixel #555A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555A51; -webkit-box-shadow:4px 4px  
4px 4px #555A51; box-shadow:4px 4px 4px  
4px #555A51 }
```

Background

The CSS property to change the background color of an element to Hex 555A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555A51 }
```

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

```
.background{ background-color:#555A51 }
```

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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