

Converting Colors

Hex(555A56)

Have a look what the booklet for
Hex(555A56) contains.

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Color

Hex(555A56)

Conversions

Conversions Part 1

Format	Color
Hex	555A56
RGB	85, 90, 86
RGB Percent	33%, 35%, 34%
CMY	0.6667, 0.6471, 0.6627
CMYK	0.06, 0.00, 0.04, 0.65
HSL	132°, 3%, 34%
HSV	132°, 6%, 35%
XYZ	9.0822, 9.9155, 10.2393
YIQ	88.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

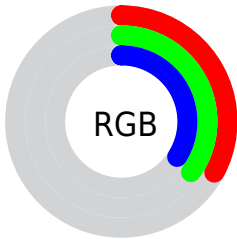
Format	Color
R_{YB}	85, 89, 90
Decimal	5593686
CIE Lab	37.69, -2.84, 1.62
CIE LCh	38, 3.266, 150.258
Yxy	9.9155, 0.3106, 0.3391
Android (android.graphics.Color)	4283783766 (0xFF555A56)
YUV	88.0490, -1.0102, -2.6740
Hunter-Lab	31.4889, -3.6217, 2.7628

Details

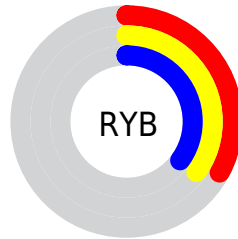
The Hex color **555A56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A5559**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **878C88**, and **282C29** is the 20% darker color. If you saturate the color by 10%, you get **4C5A4F**, and if you desaturate by 10%, it is **5E5A5D**.

Distribution



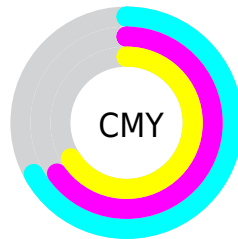
- Red (33%)
- Green (35%)
- Blue (34%)



- Red (33%)
- Yellow (35%)
- Blue (35%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (65%)



- Cyan (67%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555A56 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 555A56 by changing the saturation by 10% instead.

■ 555A56

■ 555A56

FFFFFF

■ 3E433F

■ 878C88

■ 282C29

■ A1A6A2

■ 141815

■ BCC1BD

■ 000000

■ D7DDD9

■ F4FAF5

■ 555A56

■ 555A56

■ 4C5A4F

■ 5E5A5D

■ 435A48

■ 675A64

■ 3A5A40

■ 705A6C

■ 315A39

■ 795A73

■ 285A32

■ 825A7A

■ 1F5A2B

■ 8B5A81

■ 165A24

■ 945A88

■ 0D5A1C

■ 9D5A90

■ 045A15

■ A65A97

Harmonies

Analogous

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



585954



555A56



535A59

Triad

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



555A56



56595E



5F5756

Complementary

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



555A56



5A5559

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.



5E5759



555A56



59585D

Square

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



555A56



545A5D



5C575B



5D5854

Rectangle

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



555A56



525A5A



5C575B



5F5757

Sweetspot

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



555A56



737573



595A55



393B3A



BABABA



3B3B3B

Same Dimension

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



555A56



6D756F



555A59



2A2E2B



006E16



00ED2F

Inverse Universe

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



5A5559



756D74



5A5557



2E2A2D



6E0058



ED00BE

Previews

White Background



This preview shows how the Hex color 555A56 looks on a white background.

Color Contrast Check

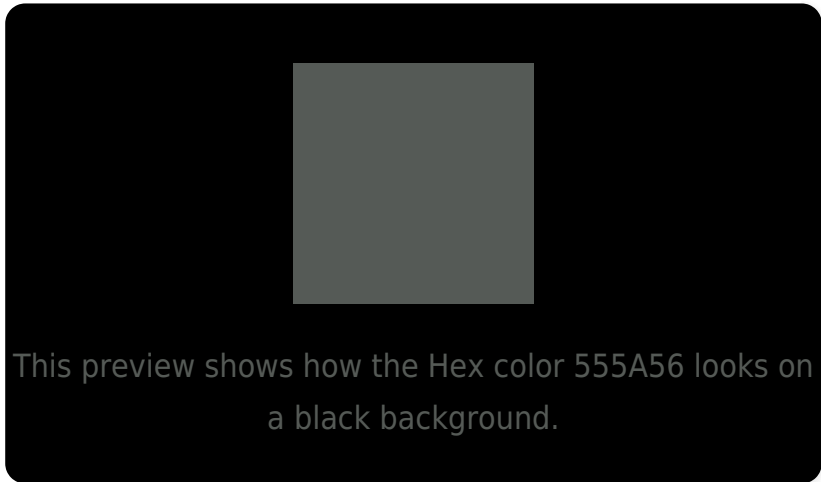
Large Text (above 18pt) WCAG AA ✓ Pass

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

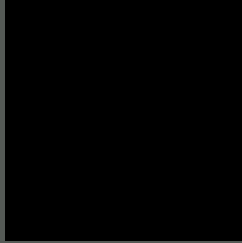
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

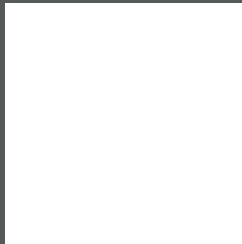
Any Text WCAG AAA × Fail

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

Hex 555A56 Background



This preview shows how black text looks on a background with the Hex color 555A56.



This preview shows how white text looks on a background with the Hex color 555A56.

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
555A56

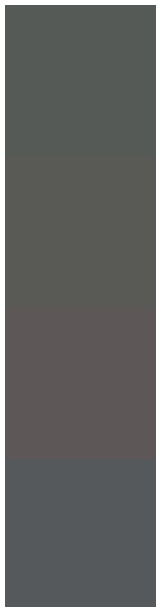
Protanopia
5B5855

Deuteranopia
625657



Tritanopia
575960

Trichromacy



Original Color

555A56

Protanomaly

595955

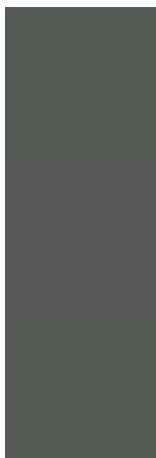
Deuteranomaly

5D5757

Tritanomaly

56595C

Monochromacy



Original Color

555A56

Achromatopsia

585858

Achromatomaly

575957

CSS Examples

Text

The CSS property to change the color of the text to Hex 555A56 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 #555A56 looks like.

```
.text, #text, p{  
    color:#555A56  
}
```

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 #555A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555A56
}
```

Border

The CSS property to change the border of an element to Hex 555A56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

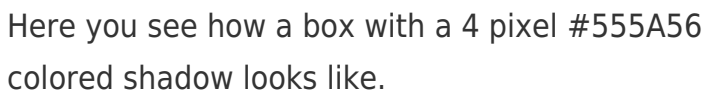
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#555A56 }
```

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

```
.border{ border-color:#555A56 }
```

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



Here you see how a box with a 4 pixel #555A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555A56; -webkit-box-shadow:4px 4px  
4px 4px #555A56; box-shadow:4px 4px 4px  
4px #555A56 }
```

Background

The CSS property to change the background color of an element to Hex 555A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555A56 }
```

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

```
.background{ background-color:#555A56 }
```

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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