

Converting Colors

Hex(505C55)

Have a look what the booklet for
Hex(505C55) contains.

Hex(505C55)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(505C55)

Conversions

Conversions Part 1

Format	Color
Hex	505C55
RGB	80, 92, 85
RGB Percent	31%, 36%, 33%
CMY	0.6863, 0.6392, 0.6667
CMYK	0.13, 0.00, 0.08, 0.64
HSL	145°, 7%, 34%
HSV	145°, 13%, 36%
XYZ	8.7751, 10.0156, 10.0650
YIQ	87.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

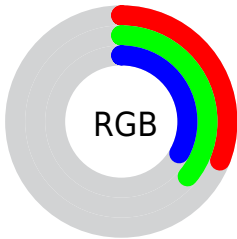
Format	Color
RYB	80, 88, 92
Decimal	5266517
CIELab	37.87, -6.22, 2.45
CIELCh	38, 6.683, 158.498
Yxy	10.0156, 0.3041, 0.3471
Android (android.graphics.Color)	4283456597 (0xFF505C55)
YUV	87.6140, -1.2887, -6.6775
Hunter-Lab	31.6475, -5.8893, 3.2969

Details

The Hex color **505C55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C5057**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **818E87**, and **232E28** is the 20% darker color. If you saturate the color by 10%, you get **475C50**, and if you desaturate by 10%, it is **595C5A**.

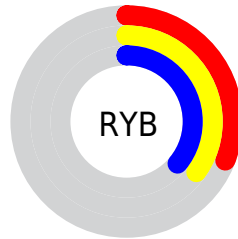
Distribution



Red (31%)

Green (36%)

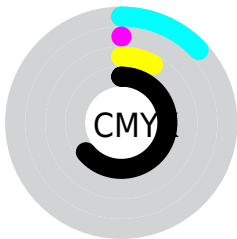
Blue (33%)



Red (31%)

Yellow (35%)

Blue (36%)

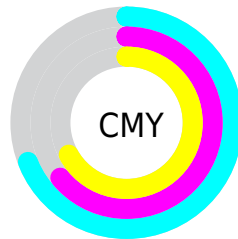


Cyan (13%)

Magenta (0%)

Yellow (8%)

Black (64%)



Cyan (69%)

Magenta (64%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505C55 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 505C55 by changing the saturation by 10% instead.

■ 505C55

■ 505C55

FFFFFF

■ 39443E

■ 818E87

■ 232E28

■ 9BA9A1

■ 0F1A14

■ B6C4BC

■ 000000

■ D2E0D7

■ EEFCF4

■ 505C55

■ 505C55

■ 475C50

■ 595C5A

■ 3E5C4A

■ 625C60

■ 345C45

■ 6C5C65

■ 2B5C40

■ 755C6A

■ 225C3A

■ 7E5C70

■ 195C35

■ 875C75

■ 105C2F

■ 905C7B

■ 065C2A

■ 9A5C80

■ 005C26

■ A35C85

Harmonies

Analogous

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



565B51



505C55



4C5C5A

Triad

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



505C55



555964



645653

Complementary

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



505C55



5C5057

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.



655558



505C55



5C5762

Square

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



505C55



4F5B63



62565D



61574F

Rectangle

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



505C55



4C5C5E



62565D



655654

Sweetspot

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



505C55



737875



575C50



3A3D3B



BDBDBD



3D3D3D

Same Dimension

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



505C55



65786D



505C5B



292E2B



006E2E



00ED63

Inverse Universe

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



5C5057



786570



5C5051



2E292C



6E0040



ED008A

Previews

White Background



This preview shows how the Hex color 505C55 looks on a white background.

Color Contrast Check

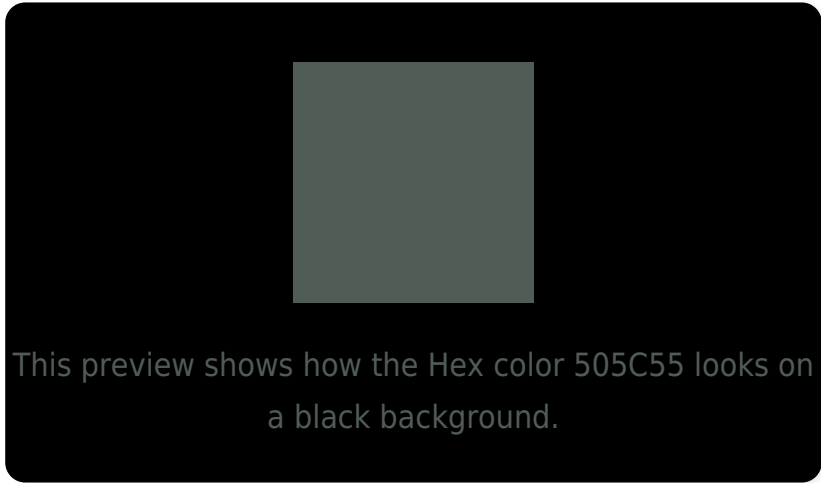
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

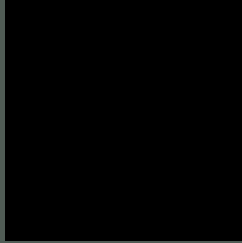
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

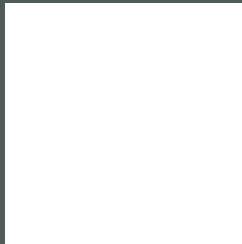
Any Text WCAG AAA × Fail

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

Hex 505C55 Background



This preview shows how black text looks on a background with the Hex color 505C55.



This preview shows how white text looks on a background with the Hex color 505C55.

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](#).

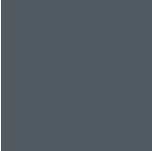
Dichromacy



Original Color
505C55

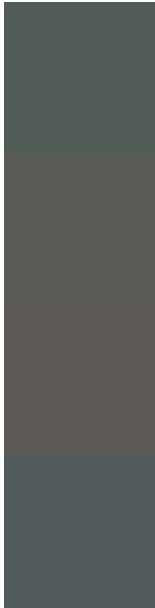
Protanopia
5C5953

Deuteranopia
635656



Tritanopia
525A61

Trichromacy



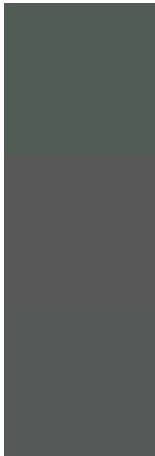
Original Color
505C55

Protanomaly
585A54

Deuteranomaly
5C5856

Tritanomaly
515B5D

Monochromacy



Original Color
505C55

Achromatopsia
585858

Achromatomaly
555957

CSS Examples

Text

The CSS property to change the color of the text to Hex 505C55 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 #505C55 looks like.

```
.text, #text, p{  
    color:#505C55  
}
```

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 #505C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505C55
}
```

Border

The CSS property to change the border of an element to Hex 505C55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

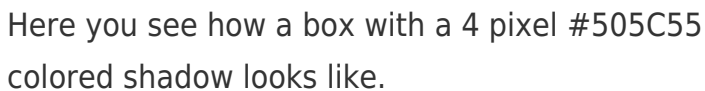
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#505C55 }
```

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

```
.border{ border-color:#505C55 }
```

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



Here you see how a box with a 4 pixel #505C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505C55; -webkit-box-shadow:4px 4px  
4px 4px #505C55; box-shadow:4px 4px 4px  
4px #505C55 }
```

Background

The CSS property to change the background color of an element to Hex 505C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505C55 }
```

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

```
.background{ background-color:#505C55 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor