

Converting Colors

Hex(505C59)

Have a look what the booklet for
Hex(505C59) contains.

Hex(505C59)	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(505C59)

Conversions

Conversions Part 1

Format	Color
Hex	505C59
RGB	80, 92, 89
RGB Percent	31%, 36%, 35%
CMY	0.6863, 0.6392, 0.6510
CMYK	0.13, 0.00, 0.03, 0.64
HSL	165°, 7%, 34%
HSV	165°, 13%, 36%
XYZ	8.9386, 10.0810, 10.9259
YIQ	88.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

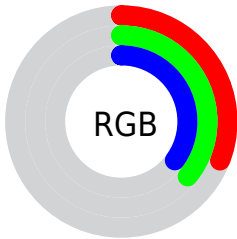
Format	Color
R_{YB}	80, 87, 92
Decimal	5266521
CIE _{Lab}	37.99, -5.33, 0.14
CIE _{LCh}	38, 5.329, 178.459
Yxy	10.0810, 0.2985, 0.3366
Android (android.graphics.Color)	4283456601 (0xFF505C59)
YUV	88.0700, 0.4585, -7.0774
Hunter-Lab	31.7506, -5.3115, 1.8228

Details

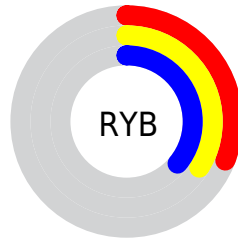
The Hex color **505C59** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C5053**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **818E8B**, and **232E2C** is the 20% darker color. If you saturate the color by 10%, you get **475C57**, and if you desaturate by 10%, it is **595C5B**.

Distribution



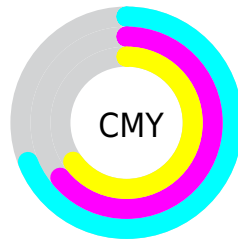
- Red (31%)
- Green (36%)
- Blue (35%)



- Red (31%)
- Yellow (34%)
- Blue (36%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (64%)



- Cyan (69%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505C59 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 505C59 by changing the saturation by 10% instead.

■ 505C59

■ 505C59

FFFFFF

■ 394442

■ 818E8B

■ 232E2C

■ 9BA9A5

■ 0F1A17

■ B6C4C0

■ 000000

■ D2E0DC

■ EEFCF9

■ 505C59

■ 505C59

■ 475C57

■ 595C5B

■ 3E5C54

■ 625C5E

■ 345C52

■ 6C5C60

■ 2B5C50

■ 755C62

■ 225C4D

■ 7E5C65

■ 195C4B

■ 875C67

■ 105C49

■ 905C69

■ 065C47

■ 9A5C6B

■ 005C45

■ A35C6E

Harmonies

Analogous

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



545B55



505C59



4F5C5D

Triad

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



505C59



5A5861



615852

Complementary

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



505C59



5C5053

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.



635755



505C59



5F575E

Square

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



505C59



555A62



62575A



5D5951

Rectangle

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



505C59



505B60



62575A



625753

Sweetspot

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



505C59



737877



535C50



3A3D3C



BDBDBD



3D3D3D

Same Dimension

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



505C59



657873



50595C



292E2D



006E52



00EDB2

Inverse Universe

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



5C5053



786569



5C5350



2E292A



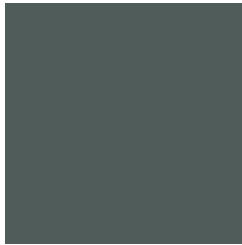
6E001B



ED003B

Previews

White Background



This preview shows how the Hex color 505C59 looks on a white background.

Color Contrast Check

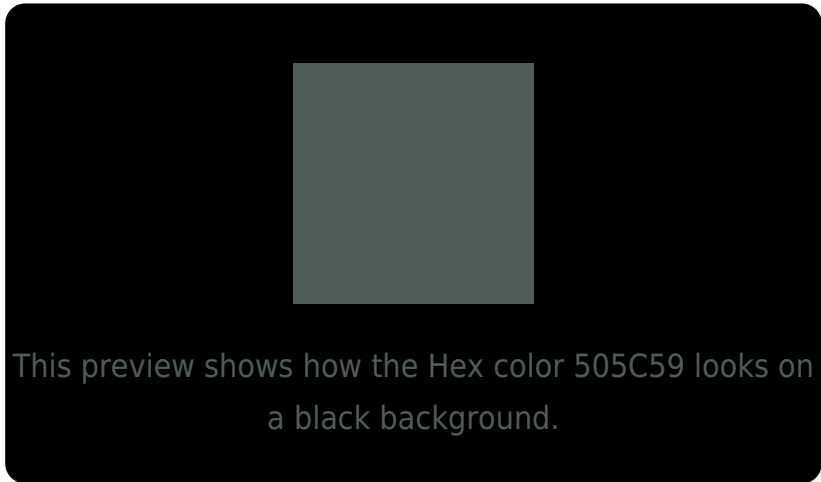
Large Text (above 18pt) WCAG AA ✓ Pass

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

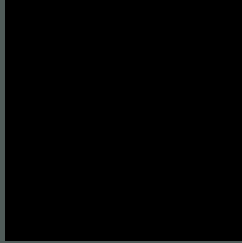
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

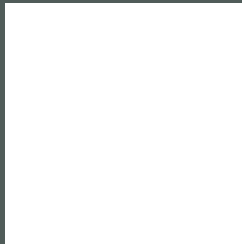
Any Text WCAG AAA × Fail

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

Hex 505C59 Background



This preview shows how black text looks on a background with the Hex color 505C59.

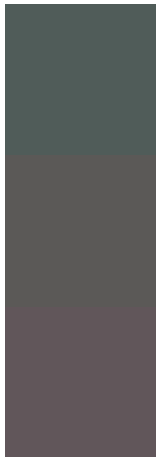


This preview shows how white text looks on a background with the Hex color 505C59.

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
505C59

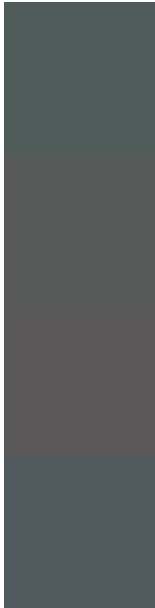
Protanopia
5B5957

Deuteranopia
61565A



Tritanopia
525B62

Trichromacy



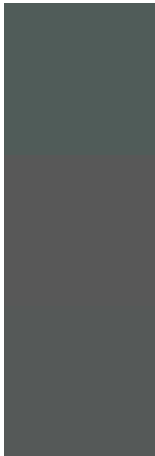
Original Color
505C59

Protanomaly
575A58

Deuteranomaly
5B585A

Tritanomaly
515B5F

Monochromacy



Original Color
505C59

Achromatopsia
585858

Achromatomaly
555958

CSS Examples

Text

The CSS property to change the color of the text to Hex 505C59 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 #505C59 looks like.

```
.text, #text, p{  
    color:#505C59  
}
```

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 #505C59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505C59
}
```

Border

The CSS property to change the border of an element to Hex 505C59 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
#505C59 }
```

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

```
.border{ border-color:#505C59 }
```

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

Here you see how a box with a 4 pixel #505C59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505C59; -webkit-box-shadow:4px 4px  
4px 4px #505C59; box-shadow:4px 4px 4px  
4px #505C59 }
```

Background

The CSS property to change the background color of an element to Hex 505C59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505C59 }
```

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

```
.background{ background-color:#505C59 }
```

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