

Converting Colors

Hex(505B53)

Have a look what the booklet for
Hex(505B53) contains.

Hex(505B53)	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(505B53)

Conversions

Conversions Part 1

Format	Color
Hex	505B53
RGB	80, 91, 83
RGB Percent	31%, 36%, 33%
CMY	0.6863, 0.6431, 0.6745
CMYK	0.12, 0.00, 0.09, 0.64
HSL	136°, 6%, 34%
HSV	136°, 12%, 36%
XYZ	8.6107, 9.8122, 9.6237
YIQ	86.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

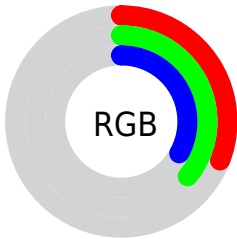
Format	Color
RYB	80, 89, 91
Decimal	5266259
CIELab	37.50, -6.06, 3.16
CIELCh	38, 6.829, 152.457
Yxy	9.8122, 0.3070, 0.3499
Android (android.graphics.Color)	4283456339 (0xFF505B53)
YUV	86.7990, -1.8729, -5.9627
Hunter-Lab	31.3244, -5.7503, 3.7115

Details

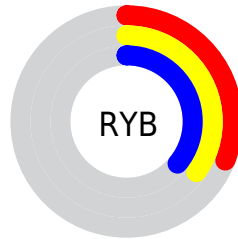
The Hex color **505B53** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B5058**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **818D84**, and **232D26** is the 20% darker color. If you saturate the color by 10%, you get **475B4C**, and if you desaturate by 10%, it is **595B5A**.

Distribution



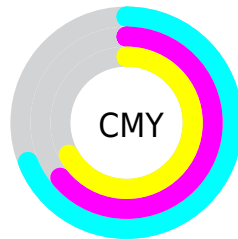
- Red (31%)
- Green (36%)
- Blue (33%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (64%)



- Cyan (69%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505B53 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 505B53 by changing the saturation by 10% instead.

■ 505B53

■ 505B53

FFFFFF

■ 39443C

■ 818D84

■ 232D26

■ 9BA89F

■ 0F1912

■ B6C3B9

■ 000000

■ D2DFD5

■ EEFBF1

■ 505B53

■ 505B53

■ 475B4C

■ 595B5A

■ 3E5B46

■ 625B60

■ 355B3F

■ 6B5B67

■ 2C5B39

■ 745B6D

■ 235B32

■ 7E5B74

■ 195B2B

■ 875B7B

■ 105B25

■ 905B81

■ 075B1E

■ 995B88

■ 005B19

■ A25B8F

Harmonies

Analogous

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



565A4F



505B53



4C5C58

Triad

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



505B53



535963



645553

Complementary

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



505B53



5B5058

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.



645558



505B53



5A5762

Square

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



505B53



4D5A62



60555D



61564F

Rectangle

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



505B53



4A5B5C



60555D



645554

Sweetspot

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



505B53



717572



585B50



383B39



BABABA



3B3B3B

Same Dimension

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



505B53



647569



505B58



292E2B



006E1E



00ED41

Inverse Universe

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



5B5058



756471



5B5053



2E292D



6E0050



ED00AC

Previews

White Background



This preview shows how the Hex color 505B53 looks on a white background.

Color Contrast Check

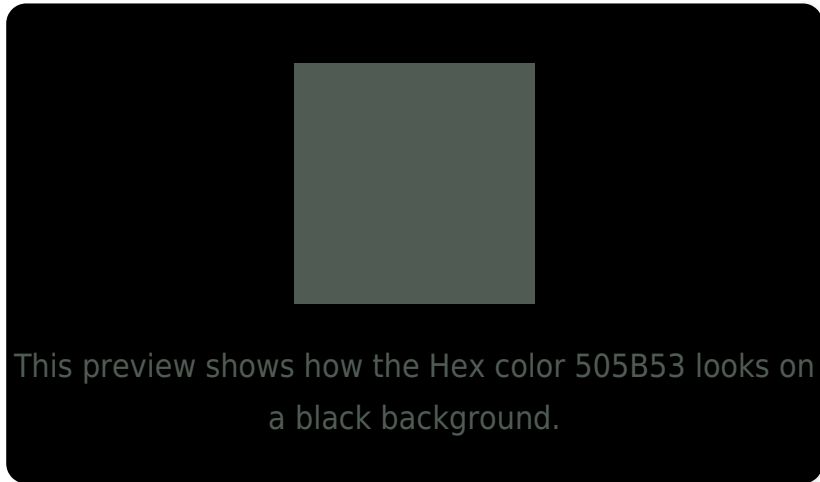
Large Text (above 18pt) WCAG AA ✓ Pass

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

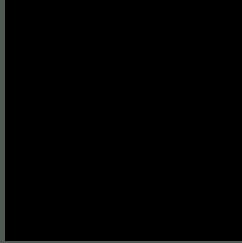
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

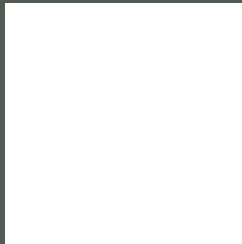
Any Text WCAG AAA × Fail

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

Hex 505B53 Background



This preview shows how black text looks on a background with the Hex color 505B53.



This preview shows how white text looks on a background with the Hex color 505B53.

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
505B53

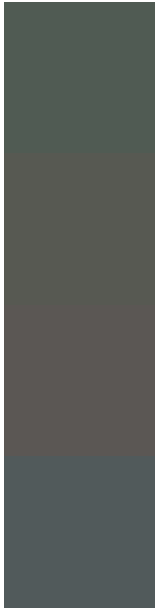
Protanopia
5B5851

Deuteranopia
625554



Tritanopia
525960

Trichromacy



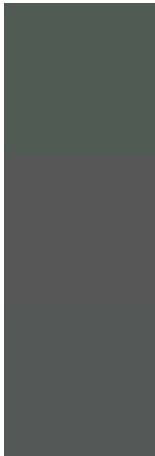
Original Color
505B53

Protanomaly
575952

Deuteranomaly
5B5754

Tritanomaly
515A5B

Monochromacy



Original Color
505B53

Achromatopsia
575757

Achromatomaly
545856

CSS Examples

Text

The CSS property to change the color of the text to Hex 505B53 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 #505B53 looks like.

```
.text, #text, p{  
    color:#505B53  
}
```

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 #505B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505B53
}
```

Border

The CSS property to change the border of an element to Hex 505B53 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
#505B53 }
```

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

```
.border{ border-color:#505B53 }
```

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

Here you see how a box with a 4 pixel #505B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505B53; -webkit-box-shadow:4px 4px  
4px 4px #505B53; box-shadow:4px 4px 4px  
4px #505B53 }
```

Background

The CSS property to change the background color of an element to Hex 505B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505B53 }
```

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

```
.background{ background-color:#505B53 }
```

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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