

Converting Colors

Hex(505960)

Have a look what the booklet for
Hex(505960) contains.

Hex(505960)	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(505960)

Conversions

Conversions Part 1

Format	Color
Hex	505960
RGB	80, 89, 96
RGB Percent	31%, 35%, 38%
CMY	0.6863, 0.6510, 0.6235
CMYK	0.17, 0.07, 0.00, 0.62
HSL	206°, 9%, 35%
HSV	206°, 17%, 38%
XYZ	8.9920, 9.6948, 12.4637
YIQ	87.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

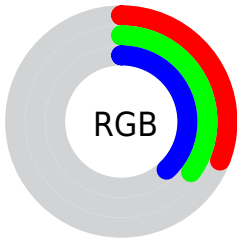
Format	Color
RYB	80, 86, 96
Decimal	5265760
CIELab	37.29, -1.86, -5.23
CIELCh	37, 5.554, 250.381
Yxy	9.6948, 0.2887, 0.3112
Android (android.graphics.Color)	4283455840 (0xFF505960)
YUV	87.1070, 4.3842, -6.2328
Hunter-Lab	31.1364, -2.9392, -1.9379

Details

The Hex color **505960** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **605750**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **818B92**, and **232C32** is the 20% darker color. If you saturate the color by 10%, you get **465560**, and if you desaturate by 10%, it is **5A5D60**.

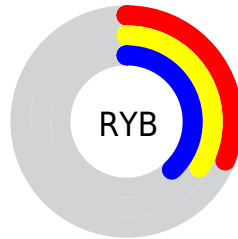
Distribution



Red (31%)

Green (35%)

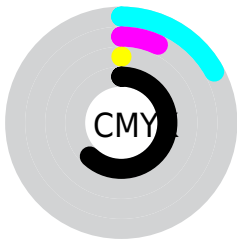
Blue (38%)



Red (31%)

Yellow (34%)

Blue (38%)

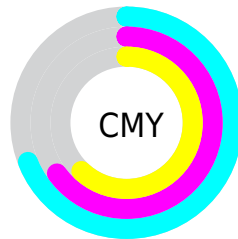


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (62%)



Cyan (69%)

Magenta (65%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505960 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 505960 by changing the saturation by 10% instead.

■ 505960

■ 505960

FFFFFF

■ 394248

■ 818B92

■ 232C32

■ 9BA5AD

■ 0F171D

■ B6C0C8

■ 000001

■ D2DCE4

■ 000000

■ EE99FF

■ 505960

■ 505960

■ 465560

■ 5A5D60

■ 3D5160

■ 636160

■ 334C60

■ 6D6660

■ 2A4860

■ 766A60

■ 204460

■ 806E60

■ 164060

■ 8A7260

■ 0D3C60

■ 937660

■ 033760

■ 9D7B60

■ 003660

■ A67F60

Harmonies

Analogous

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



4D5A5D



505960



555860

Triad

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



505960



615556



555951

Complementary

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



505960



605750

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.



5A584F



505960



615552

Square

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



505960



5F555B



5E564F



505A55

Rectangle

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



505960



59575F



5E564F



565950

Sweetspot

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



505960



777A7D



506057



3C3E40



BFBFBF



404040

Same Dimension

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



505960



64727D



505160



2C2E30



003F70



0087F0

Inverse Universe

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



605059



7D6472



605F50



302C2E



70003F



F00087

Previews

White Background



This preview shows how the Hex color 505960 looks on a white background.

Color Contrast Check

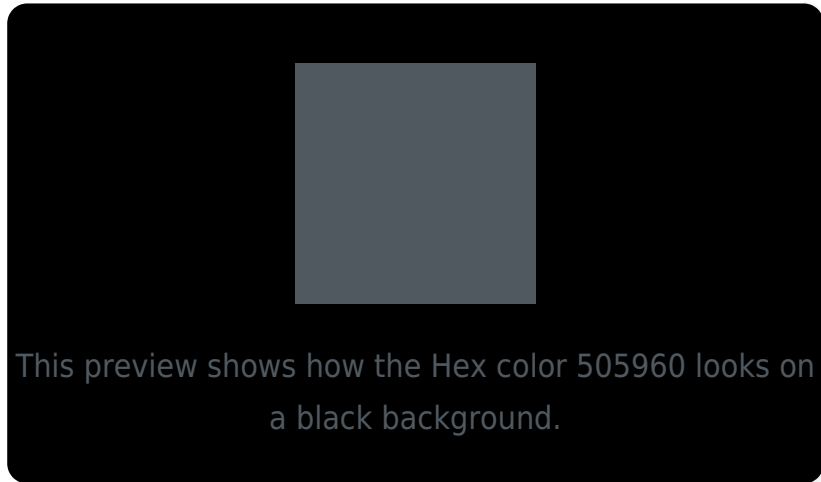
Large Text (above 18pt) WCAG AA ✓ Pass

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

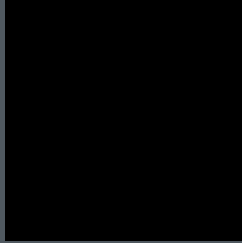
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

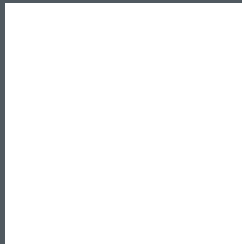
Any Text WCAG AAA × Fail

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

Hex 505960 Background



This preview shows how black text looks on a background with the Hex color 505960.



This preview shows how white text looks on a background with the Hex color 505960.

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](#).

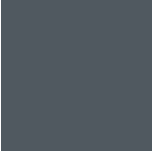
Dichromacy



Original Color
505960

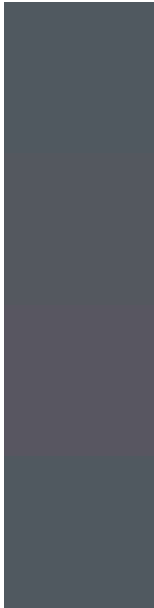
Protanopia
57575F

Deuteranopia
5C5561



Tritanopia
505960

Trichromacy



Original Color
505960

Protanomaly
54585F

Deuteranomaly
585661

Tritanomaly
505960

Monochromacy



Original Color
505960

Achromatopsia
575757

Achromatomaly
54585A

CSS Examples

Text

The CSS property to change the color of the text to Hex 505960 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 #505960 looks like.

```
.text, #text, p{  
    color:#505960  
}
```

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 #505960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505960
}
```

Border

The CSS property to change the border of an element to Hex 505960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

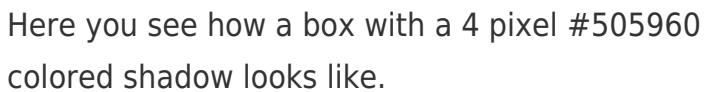
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#505960 }
```

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

```
.border{ border-color:#505960 }
```

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



Here you see how a box with a 4 pixel #505960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505960; -webkit-box-shadow:4px 4px  
4px 4px #505960; box-shadow:4px 4px 4px  
4px #505960 }
```

Background

The CSS property to change the background color of an element to Hex 505960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505960 }
```

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

```
.background{ background-color:#505960 }
```

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