

Converting Colors

Hex(505157)

Have a look what the booklet for
Hex(505157) contains.

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Color

Hex(505157)

Conversions

Conversions Part 1

Format	Color
Hex	505157
RGB	80, 81, 87
RGB Percent	31%, 32%, 34%
CMY	0.6863, 0.6824, 0.6588
CMYK	0.08, 0.07, 0.00, 0.66
HSL	231°, 4%, 33%
HSV	231°, 8%, 34%
XYZ	7.9710, 8.2785, 10.1946
YIQ	81.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

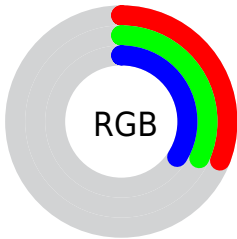
Format	Color
RYB	80, 81, 87
Decimal	5263703
CIELab	34.56, 0.94, -3.65
CIELCh	35, 3.771, 284.479
Yxy	8.2785, 0.3014, 0.3131
Android (android.graphics.Color)	4283453783 (0xFF505157)
YUV	81.3850, 2.7682, -1.2146
Hunter-Lab	28.7723, -0.9004, -0.8670

Details

The Hex color **505157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **575650**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **818289**, and **24252A** is the 20% darker color. If you saturate the color by 10%, you get **474A57**, and if you desaturate by 10%, it is **595857**.

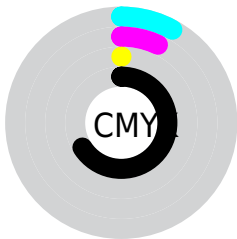
Distribution



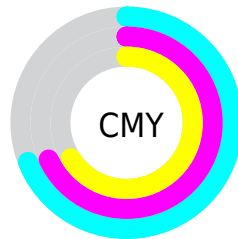
- Red (31%)
- Green (32%)
- Blue (34%)



- Red (31%)
- Yellow (32%)
- Blue (34%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (66%)



- Cyan (69%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505157 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 505157 by changing the saturation by 10% instead.

■ 505157

■ 505157

FFFFFF

■ 393A40

■ 818289

■ 24252A

■ 9B9CA3

■ 0E0F15

■ B6B7BE

■ 000000

■ D2D3DA

■ EEEFF6

■ 505157

■ 505157

■ 474A57

■ 595857

■ 3F4257

■ 616057

■ 363B57

■ 6A6757

■ 2D3357

■ 736F57

■ 252C57

■ 7C7657

■ 1C2457

■ 847E57

■ 131D57

■ 8D8557

■ 0A1557

■ 968D57

■ 020E57

■ 9E9457

Harmonies

Analogous

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



4D5257



505157



545056

Triad

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



505157



57504D



4C5350

Complementary

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



505157



575650

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.



4F524D



505157



55514C

Square

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



505157



584F50



52514B



4A5353

Rectangle

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



505157



565054



52514B



4D534F

Sweetspot

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



505157



6E6E70



505756



373738



B8B8B8



383838

Same Dimension

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



505157



656770



525057



27282B



000F6B



0022EB

Inverse Universe

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



575051



706567



555750



2B2728



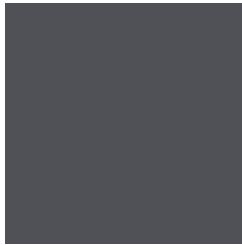
6B000F



EB0022

Previews

White Background



This preview shows how the Hex color 505157 looks on a white background.

Color Contrast Check

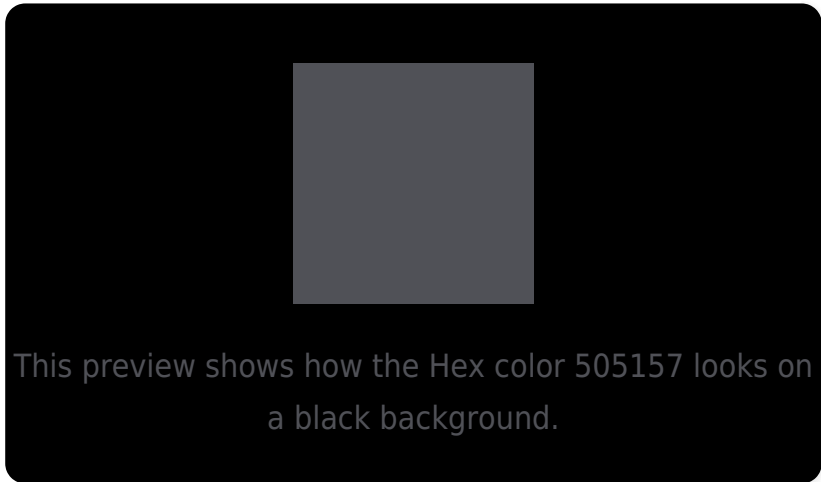
Large Text (above 18pt) WCAG AA ✓ Pass

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

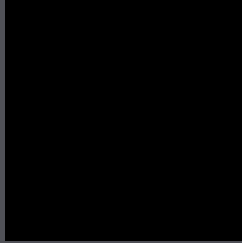
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

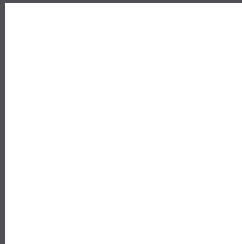
Any Text WCAG AAA × Fail

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

Hex 505157 Background



This preview shows how black text looks on a background with the Hex color 505157.



This preview shows how white text looks on a background with the Hex color 505157.

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
505157

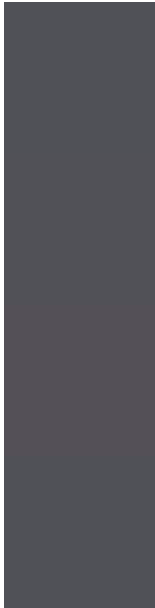
Protanopia
515157

Deuteranopia
564F57



Tritanopia
505157

Trichromacy



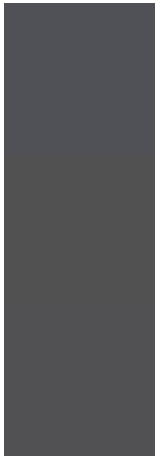
Original Color
505157

Protanomaly
515157

Deuteranomaly
545057

Tritanomaly
505157

Monochromacy



Original Color
505157

Achromatopsia
515151

Achromatomaly
515153

CSS Examples

Text

The CSS property to change the color of the text to Hex 505157 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 #505157 looks like.

```
.text, #text, p{  
    color:#505157  
}
```

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 #505157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505157
}
```

Border

The CSS property to change the border of an element to Hex 505157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

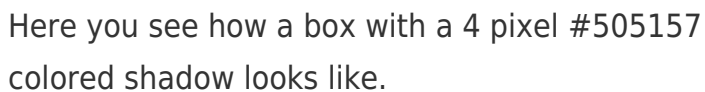
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#505157 }
```

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

```
.border{ border-color:#505157 }
```

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



Here you see how a box with a 4 pixel #505157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505157; -webkit-box-shadow:4px 4px  
4px 4px #505157; box-shadow:4px 4px 4px  
4px #505157 }
```

Background

The CSS property to change the background color of an element to Hex 505157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505157 }
```

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

```
.background{ background-color:#505157 }
```

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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