

Converting Colors

Hex(515157)

Have a look what the booklet for
Hex(515157) contains.

Hex(515157)	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(515157)

Conversions

Conversions Part 1

Format	Color
Hex	515157
RGB	81, 81, 87
RGB Percent	32%, 32%, 34%
CMY	0.6824, 0.6824, 0.6588
CMYK	0.07, 0.07, 0.00, 0.66
HSL	240°, 4%, 33%
HSV	240°, 7%, 34%
XYZ	8.0561, 8.3223, 10.1986
YIQ	81.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

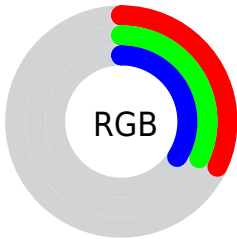
Format	Color
RYB	81, 81, 87
Decimal	5329239
CIELab	34.65, 1.33, -3.51
CIELCh	35, 3.754, 290.822
Yxy	8.3223, 0.3031, 0.3131
Android (android.graphics.Color)	4283519319 (0xFF515157)
YUV	81.6840, 2.6208, -0.5999
Hunter-Lab	28.8484, -0.6377, -0.7665

Details

The Hex color **515157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **575751**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **828289**, and **24252A** is the 20% darker color. If you saturate the color by 10%, you get **484857**, and if you desaturate by 10%, it is **5A5A57**.

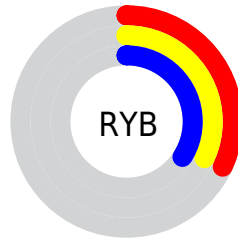
Distribution



Red (32%)

Green (32%)

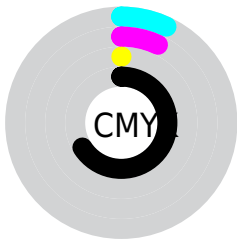
Blue (34%)



Red (32%)

Yellow (32%)

Blue (34%)

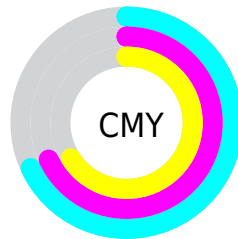


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (66%)



Cyan (68%)

Magenta (68%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515157 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 515157 by changing the saturation by 10% instead.

■ 515157

■ 515157

FFFFFF

■ 3A3A40

■ 828289

■ 24252A

■ 9C9CA3

■ 0F0F15

■ B7B7BE

■ 000000

■ D3D3DA

■ EFEFF6

■ 515157

■ 515157

■ 484857

■ 5A5A57

■ 404057

■ 626257

■ 373757

■ 6B6B57

■ 2E2E57

■ 747457

■ 262657

■ 7D7D57

■ 1D1D57

■ 858557

■ 141457

■ 8E8E57

■ 0B0B57

■ 979757

■ 030357

■ 9F9F57

Harmonies

Analogous

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



4D5257



515157



555055

Triad

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



515157



57504D



4B5350

Complementary

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



515157



575751

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.



4E534E



515157



55514C

Square

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



515157



58504F



52524C



4A5353

Rectangle

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



515157



565053



52524C



4C534F

Sweetspot

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



515157



6E6E70



515757



373738



B8B8B8



383838

Same Dimension

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



515157



676770



545157



27272B



00006B



0000EB

Inverse Universe

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



575157



706770



545751



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 515157 looks on a white background.

Color Contrast Check

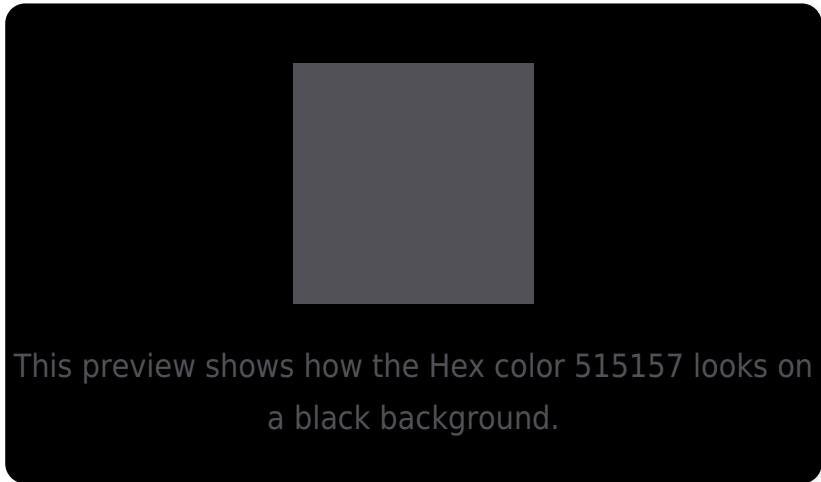
Large Text (above 18pt) WCAG AA ✓ Pass

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

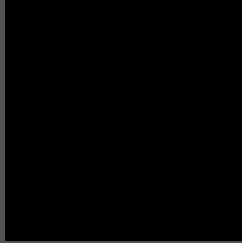
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

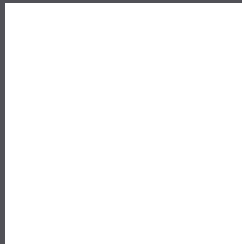
Any Text WCAG AAA × Fail

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

Hex 515157 Background



This preview shows how black text looks on a background with the Hex color 515157.



This preview shows how white text looks on a background with the Hex color 515157.

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
515157

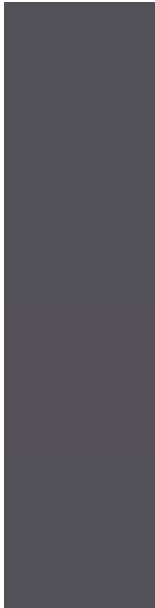
Protanopia
515157

Deuteranopia
574F57



Tritanopia
515157

Trichromacy



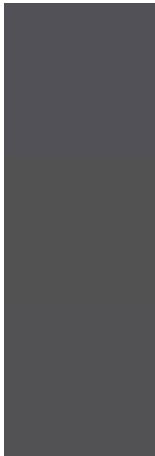
Original Color
515157

Protanomaly
515157

Deuteranomaly
555057

Tritanomaly
515157

Monochromacy



Original Color
515157

Achromatopsia
525252

Achromatomaly
525254

CSS Examples

Text

The CSS property to change the color of the text to Hex 515157 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 #515157 looks like.

```
.text, #text, p{  
    color:#515157  
}
```

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 #515157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515157
}
```

Border

The CSS property to change the border of an element to Hex 515157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

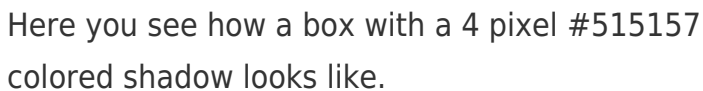
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#515157 }
```

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

```
.border{ border-color:#515157 }
```

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



Here you see how a box with a 4 pixel #515157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515157; -webkit-box-shadow:4px 4px  
4px 4px #515157; box-shadow:4px 4px 4px  
4px #515157 }
```

Background

The CSS property to change the background color of an element to Hex 515157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515157 }
```

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

```
.background{ background-color:#515157 }
```

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