

Converting Colors

Hex(515853)

Have a look what the booklet for
Hex(515853) contains.

Hex(515853)	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(515853)

Conversions

Conversions Part 1

Format	Color
Hex	515853
RGB	81, 88, 83
RGB Percent	32%, 35%, 33%
CMY	0.6824, 0.6549, 0.6745
CMYK	0.08, 0.00, 0.06, 0.65
HSL	137°, 4%, 33%
HSV	137°, 8%, 35%
XYZ	8.4444, 9.3533, 9.5439
YIQ	85.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

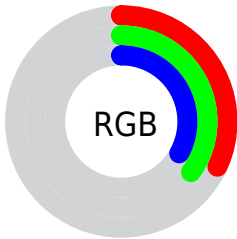
Format	Color
R _Y B	81, 86, 88
Decimal	5331027
CIE Lab	36.66, -3.86, 1.94
CIE LCh	37, 4.320, 153.257
Yxy	9.3533, 0.3088, 0.3421
Android (android.graphics.Color)	4283521107 (0xFF515853)
YUV	85.3370, -1.1521, -3.8035
Hunter-Lab	30.5832, -4.2345, 2.9059

Details

The Hex color **515853** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **585156**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **828A84**, and **242B26** is the 20% darker color. If you saturate the color by 10%, you get **48584D**, and if you desaturate by 10%, it is **5A5859**.

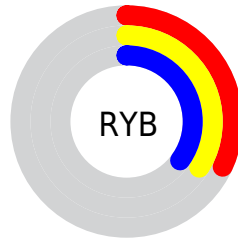
Distribution



Red (32%)

Green (35%)

Blue (33%)



Red (32%)

Yellow (34%)

Blue (35%)

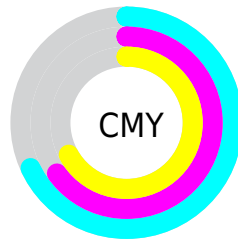


Cyan (8%)

Magenta (0%)

Yellow (6%)

Black (65%)



Cyan (68%)

Magenta (65%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515853 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 515853 by changing the saturation by 10% instead.

■ 515853

■ 515853

FFFFFF

■ 3A413C

■ 828A84

■ 242B26

■ 9CA49E

■ 101612

■ B7BFB9

■ 000000

■ D3DBD5

■ EFF8F1

■ 515853

■ 515853

■ 48584D

■ 5A5859

■ 3F5846

■ 635860

■ 375840

■ 6B5866

■ 2E583A

■ 74586C

■ 255834

■ 7D5872

■ 1C582D

■ 865879

■ 135827

■ 8F587F

■ 0B5821

■ 975885

■ 02581A

■ A0588C

Harmonies

Analogous

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



555750



515853



4E5856

Triad

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



515853



53565D



5E5453

Complementary

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



515853



585156

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.



5D5456



515853



57555C

Square

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



515853



50575C



5B5459



5C5550

Rectangle

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



515853



4E5859



5B5459



5E5454

Sweetspot

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



515853



707371



565851



393B3A



BABABA



3B3B3B

Same Dimension

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



515853



67736B



515856



272B28



006B1F



00EB43

Inverse Universe

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



585156



73676F



585153



2B272A



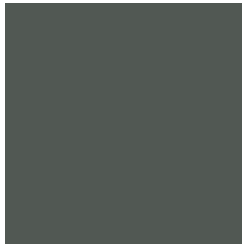
6B004C



EB00A8

Previews

White Background



This preview shows how the Hex color 515853 looks on a white background.

Color Contrast Check

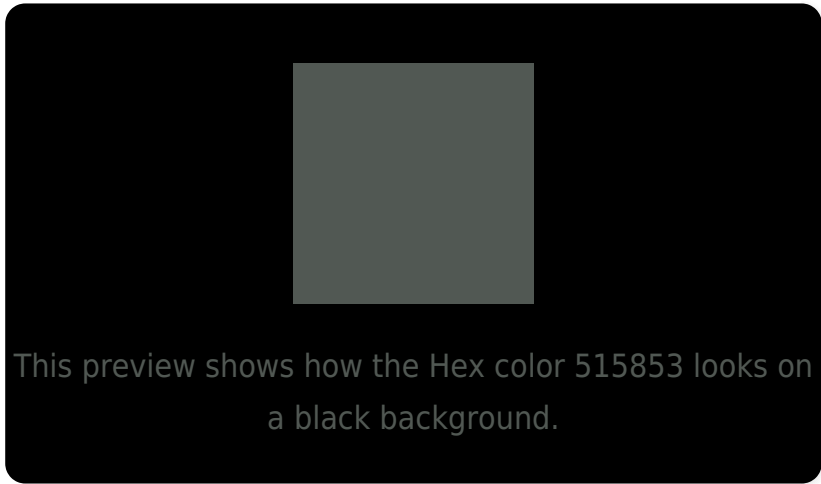
Large Text (above 18pt) WCAG AA ✓ Pass

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

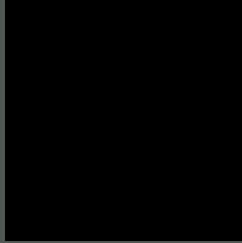
Any Text WCAG AA × Fail

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 515853 Background



This preview shows how black text looks on a background with the Hex color 515853.



This preview shows how white text looks on a background with the Hex color 515853.

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](#).

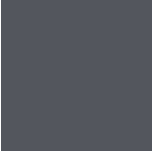
Dichromacy



Original Color
515853

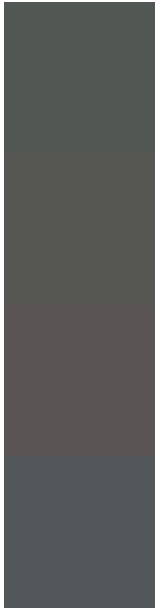
Protanopia
595652

Deuteranopia
5F5354



Tritanopia
53565D

Trichromacy



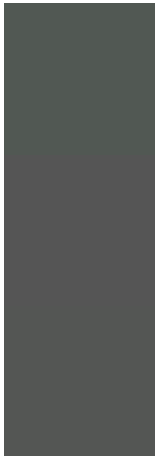
Original Color
515853

Protanomaly
565752

Deuteranomaly
5A5554

Tritanomaly
525759

Monochromacy



Original Color
515853

Achromatopsia
555555

Achromatomaly
545654

CSS Examples

Text

The CSS property to change the color of the text to Hex 515853 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 #515853 looks like.

```
.text, #text, p{  
    color:#515853  
}
```

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 #515853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515853
}
```

Border

The CSS property to change the border of an element to Hex 515853 is called "border". The border property can be set on classes, ids or directly on the HTML element.

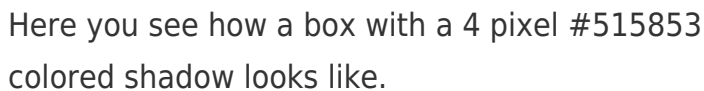
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#515853 }
```

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

```
.border{ border-color:#515853 }
```

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



Here you see how a box with a 4 pixel #515853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515853; -webkit-box-shadow:4px 4px  
4px 4px #515853; box-shadow:4px 4px 4px  
4px #515853 }
```

Background

The CSS property to change the background color of an element to Hex 515853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515853 }
```

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

```
.background{ background-color:#515853 }
```

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