

Converting Colors

Hex(515748)

Have a look what the booklet for
Hex(515748) contains.

Hex(515748)	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(515748)

Conversions

Conversions Part 1

Format	Color
Hex	515748
RGB	81, 87, 72
RGB Percent	32%, 34%, 28%
CMY	0.6824, 0.6588, 0.7176
CMYK	0.07, 0.00, 0.17, 0.66
HSL	84°, 9%, 31%
HSV	84°, 17%, 34%
XYZ	7.9712, 9.0336, 7.4544
YIQ	83.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

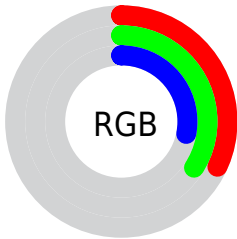
Format	Color
R_{YB}	72, 87, 78
Decimal	5330760
CIE Lab	36.05, -5.49, 7.92
CIE LCh	36, 9.638, 124.719
Yxy	9.0336, 0.3259, 0.3693
Android (android.graphics.Color)	4283520840 (0xFF515748)
YUV	83.4960, -5.6675, -2.1890
Hunter-Lab	30.0559, -5.2574, 6.3342

Details

The Hex color **515748** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E4857**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **828978**, and **242A1C** is the 20% darker color. If you saturate the color by 10%, you get **4E573F**, and if you desaturate by 10%, it is **545751**.

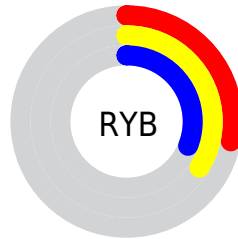
Distribution



Red (32%)

Green (34%)

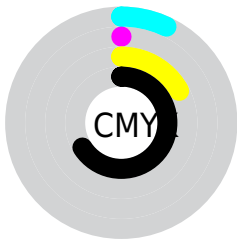
Blue (28%)



Red (28%)

Yellow (34%)

Blue (31%)

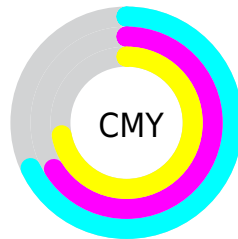


Cyan (7%)

Magenta (0%)

Yellow (17%)

Black (66%)



Cyan (68%)

Magenta (66%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 515748 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 515748 by changing the saturation by 10% instead.

■ 515748

■ 515748

FFFFFF

■ 3A4032

■ 828978

■ 242A1C

■ 9CA392

■ 101603

■ B7BEAD

■ 000000

■ D3DAC8

■ EFF6E4

■ 515748

■ 515748

■ 4E573F

■ 545751

■ 4A5737

■ 585759

■ 47572E

■ 5B5762

■ 435725

■ 5F576B

■ 40571D

■ 625773

■ 3C5714

■ 66577C

■ 39570B

■ 695785

■ 355702

■ 6D578E

■ 345700

■ 705796

Harmonies

Analogous

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



5A5545



515748



48594E

Triad

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



515748



455762



654F54

Complementary

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



515748



4E4857

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.



60505C



515748



4E5564

Square

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



515748



41595D



585261



65504C

Rectangle

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



515748



445953



585261



645056

Sweetspot

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



515748



6E706B



574E48



373835



B8B8B8



383838

Same Dimension

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



515748



677059



4A5748



2A2B27



406B00



8DEB00

Inverse Universe

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



4E4857



625970



564857



29272B



2B006B



5E00EB

Previews

White Background



This preview shows how the Hex color 515748 looks on a white background.

Color Contrast Check

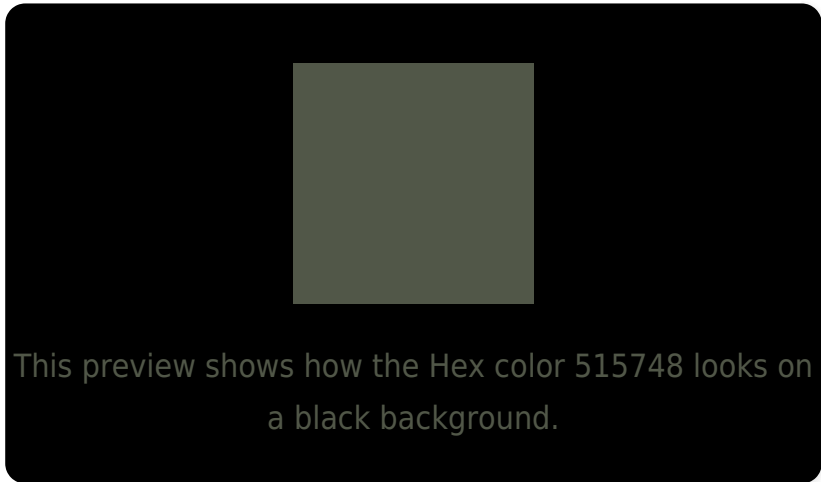
Large Text (above 18pt) WCAG AA ✓ Pass

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

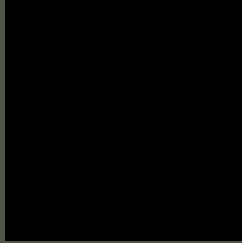
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

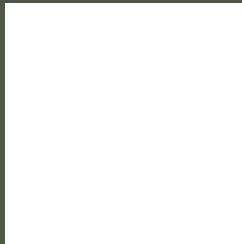
Any Text WCAG AAA × Fail

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

Hex 515748 Background



This preview shows how black text looks on a background with the Hex color 515748.

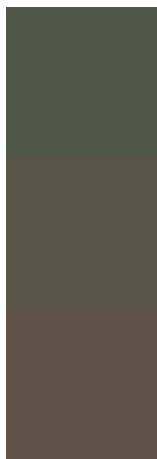


This preview shows how white text looks on a background with the Hex color 515748.

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
515748

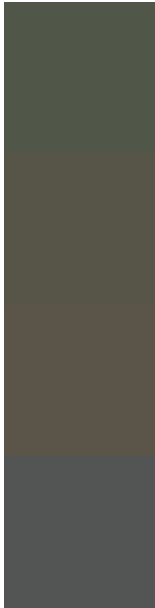
Protanopia
595447

Deuteranopia
615249



Tritanopia
54545B

Trichromacy



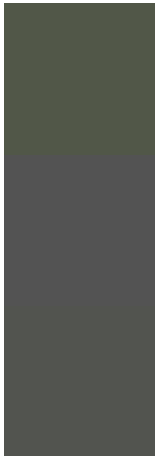
Original Color
515748

Protanomaly
565547

Deuteranomaly
5B5449

Tritanomaly
535554

Monochromacy



Original Color
515748

Achromatopsia
535353

Achromatomaly
52544F

CSS Examples

Text

The CSS property to change the color of the text to Hex 515748 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 #515748 looks like.

```
.text, #text, p{  
    color:#515748  
}
```

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 #515748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515748
}
```

Border

The CSS property to change the border of an element to Hex 515748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

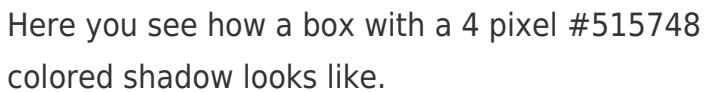
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#515748 }
```

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

```
.border{ border-color:#515748 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #515748 hex code mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #515748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515748; -webkit-box-shadow:4px 4px  
4px 4px #515748; box-shadow:4px 4px 4px  
4px #515748 }
```

Background

The CSS property to change the background color of an element to Hex 515748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515748 }
```

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

```
.background{ background-color:#515748 }
```

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