

Converting Colors

Hex(517470)

Have a look what the booklet for
Hex(517470) contains.

Hex(517470)	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(517470)

Conversions

Conversions Part 1

Format	Color
Hex	517470
RGB	81, 116, 112
RGB Percent	32%, 45%, 44%
CMY	0.6824, 0.5451, 0.5608
CMYK	0.30, 0.00, 0.03, 0.55
HSL	173°, 18%, 39%
HSV	173°, 30%, 45%
XYZ	12.5634, 15.4100, 17.6415
YIQ	105.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

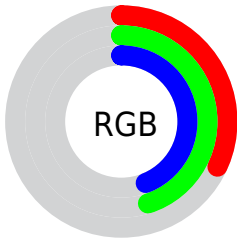
Format	Color
RYB	81, 100, 116
Decimal	5338224
CIELab	46.19, -13.37, -1.81
CIElCh	46, 13.487, 187.700
Yxy	15.4100, 0.2754, 0.3378
Android (android.graphics.Color)	4283528304 (0xFF517470)
YUV	105.0790, 3.4121, -21.1173
Hunter-Lab	39.2555, -11.5699, 0.8339

Details

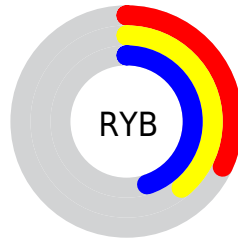
The Hex color **517470** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **745155**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **83A8A4**, and **224440** is the 20% darker color. If you saturate the color by 10%, you get **45746F**, and if you desaturate by 10%, it is **5D7471**.

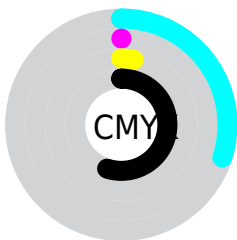
Distribution



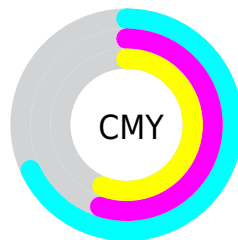
- Red (32%)
- Green (45%)
- Blue (44%)



- Red (32%)
- Yellow (39%)
- Blue (45%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (68%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 517470 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 517470 by changing the saturation by 10% instead.

■ 517470

■ 517470

FFFFFF

■ 395B58

■ 83A8A4

■ 224440

■ 9EC3BF

■ 0A2D2A

■ B9DFDB

■ 001A16

■ D5FCF7

■ 000000

■ F2FFFF

■ 517470

■ 517470

■ 45746F

■ 5D7471

■ 3A746D

■ 687473

■ 2E746C

■ 747474

■ 23746B

■ 7F7475

■ 177469

■ 8B7477

■ 0B7468

■ 977478

■ 007467

■ A27479

■ AE747B

■ B9747C

Harmonies

Analogous

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



5A7365



517470



4F737B

Triad

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



517470



736A7F



7E6A59

Complementary

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



517470



745155

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.



846760



517470



7F6776

Square

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



517470



646D84



85656B



736E57

Rectangle

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



517470



537280



85656B



80695B

Sweetspot

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



517470



899695



557451



444D4C



CCCCCC



4D4D4D

Same Dimension

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



517470



609690



516774



353B3A



007A6C



00FADD

Inverse Universe

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



745155



966066



745E51



3B3535



7A000E



FA001D

Previews

White Background



This preview shows how the Hex color 517470 looks on a white background.

Color Contrast Check

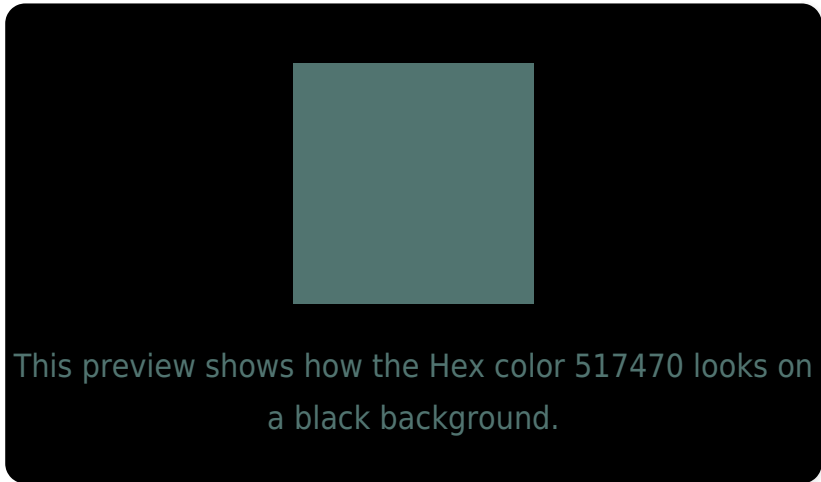
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

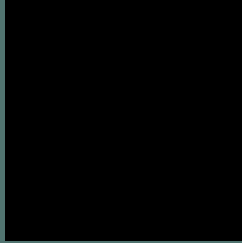
Any Text WCAG AA × Fail

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 517470 Background



This preview shows how black text looks on a background with the Hex color 517470.

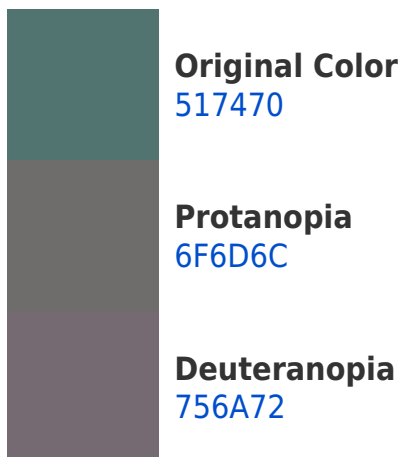


This preview shows how white text looks on a background with the Hex color 517470.

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](#).

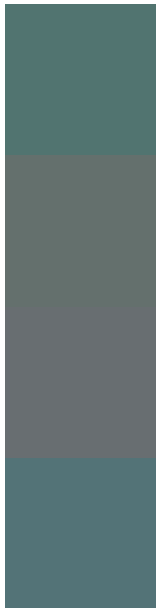
Dichromacy





Tritanopia
54727B

Trichromacy



Original Color
517470

Protanomaly
64706D

Deuteranomaly
686E71

Tritanomaly
537377

Monochromacy



Original Color
517470

Achromatopsia
696969

Achromatomaly
606D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 517470 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 #517470 looks like.

```
.text, #text, p{  
    color:#517470  
}
```

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 #517470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517470
}
```

Border

The CSS property to change the border of an element to Hex 517470 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
#517470 }
```

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

```
.border{ border-color:#517470 }
```

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

Here you see how a box with a 4 pixel #517470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517470; -webkit-box-shadow:4px 4px  
4px 4px #517470; box-shadow:4px 4px 4px  
4px #517470 }
```

Background

The CSS property to change the background color of an element to Hex 517470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517470 }
```

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

```
.background{ background-color:#517470 }
```

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