

Converting Colors

Hex(517883)

Have a look what the booklet for
Hex(517883) contains.

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Color

Hex(517883)

Conversions

Conversions Part 1

Format	Color
Hex	517883
RGB	81, 120, 131
RGB Percent	32%, 47%, 51%
CMY	0.6824, 0.5294, 0.4863
CMYK	0.38, 0.08, 0.00, 0.49
HSL	193°, 24%, 42%
HSV	193°, 38%, 51%
XYZ	14.2065, 16.8210, 23.9707
YIQ	109.5930, -26.7750, -4.8470

Conversions

Conversions Part 2

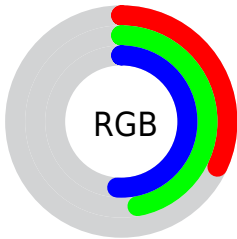
Format	Color
R_{YB}	81, 103, 131
Decimal	5339267
CIE _{Lab}	48.03, -10.66, -10.36
CIE _{LCh}	48, 14.863, 224.194
Yxy	16.8210, 0.2583, 0.3058
Android (android.graphics.Color)	4283529347 (0xFF517883)
YUV	109.5930, 10.5537, -25.0761
Hunter-Lab	41.0134, -9.9431, -5.9434

Details

The Hex color **517883** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **835C51**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **84ACB8**, and **1F4752** is the 20% darker color. If you saturate the color by 10%, you get **447583**, and if you desaturate by 10%, it is **5E7B83**.

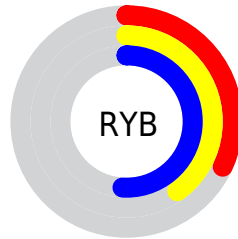
Distribution



Red (32%)

Green (47%)

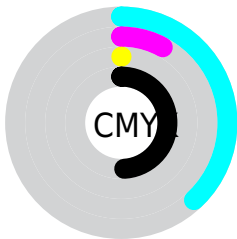
Blue (51%)



Red (32%)

Yellow (40%)

Blue (51%)

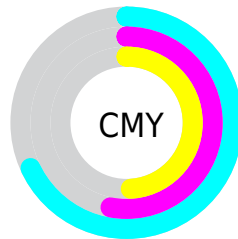


Cyan (38%)

Magenta (8%)

Yellow (0%)

Black (49%)



Cyan (68%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 517883 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 517883 by changing the saturation by 10% instead.

■ 517883

■ 517883

FFFFFF

■ 385F6A

■ 84ACB8

■ 1F4752

■ 9FC8D4

■ 03313B

■ BBE4F0

■ 001C25

■ D7FFFF

■ 000110

■ F4FFFF

■ 000000

■ 517883

■ 517883

■ 447583

■ 5E7B83

■ 377283

■ 6B7E83

■ 2A6F83

■ 788183

■ 1D6C83

■ 858483

■ 106A83

■ 938683

■ 026783

■ A08983

■ 006683

■ AD8C83

■ BA8F83

■ C79283

Harmonies

Analogous

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



517978



517883



5B758A

Triad

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



517883



876A79



75735A

Complementary

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



517883



835C51

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.



826F5A



517883



8C696C

Square

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



517883



7B6D84



8A6B61



677760

Rectangle

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



517883



66738B



8A6B61



7A7259

Sweetspot

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



517883



98A7AB



51835C



4B5457



D6D6D6



575757

Same Dimension

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



517883



5C9AAB



515F83



3C4142



006582



000203

Inverse Universe

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



835178



AB5C9A



837551



423C41



820065



030002

Previews

White Background



This preview shows how the Hex color 517883 looks on a white background.

Color Contrast Check

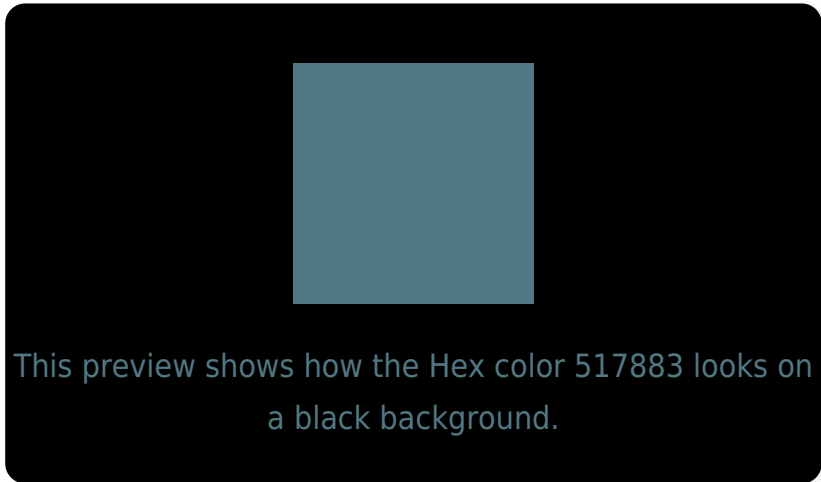
Large Text (above 18pt) WCAG AA ✓ Pass

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

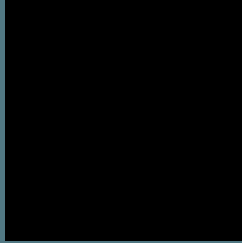
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

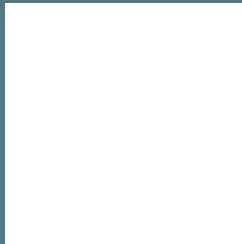
Any Text WCAG AAA × Fail

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

Hex 517883 Background



This preview shows how black text looks on a background with the Hex color 517883.

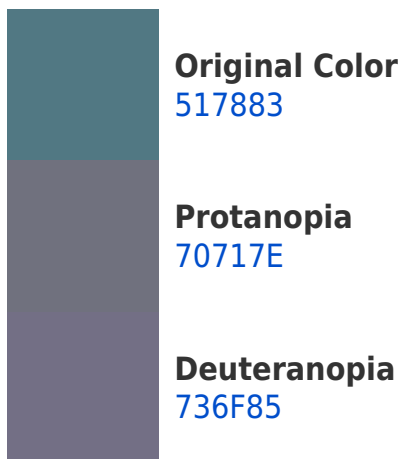


This preview shows how white text looks on a background with the Hex color 517883.

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



Trichromacy



Original Color
517883

Protanomaly
657480

Deuteranomaly
677284

Tritanomaly
517882

Monochromacy



Original Color
517883

Achromatopsia
6E6E6E

Achromatomaly
637276

CSS Examples

Text

The CSS property to change the color of the text to Hex 517883 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 #517883 looks like.

```
.text, #text, p{  
    color:#517883  
}
```

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 #517883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517883
}
```

Border

The CSS property to change the border of an element to Hex 517883 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
#517883 }
```

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

```
.border{ border-color:#517883 }
```

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

Here you see how a box with a 4 pixel #517883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517883; -webkit-box-shadow:4px 4px  
4px 4px #517883; box-shadow:4px 4px 4px  
4px #517883 }
```

Background

The CSS property to change the background color of an element to Hex 517883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517883 }
```

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

```
.background{ background-color:#517883 }
```

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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