

Converting Colors

Hex(516885)

Have a look what the booklet for
Hex(516885) contains.

Hex(516885)	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(516885)

Conversions

Conversions Part 1

Format	Color
Hex	516885
RGB	81, 104, 133
RGB Percent	32%, 41%, 52%
CMY	0.6824, 0.5922, 0.4784
CMYK	0.39, 0.22, 0.00, 0.48
HSL	213°, 24%, 42%
HSV	213°, 39%, 52%
XYZ	12.5773, 13.3434, 24.1029
YIQ	100.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

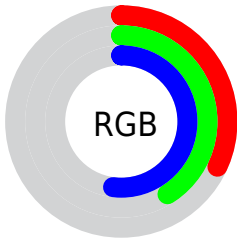
Format	Color
R_{YB}	81, 97, 133
Decimal	5335173
CIE _{Lab}	43.28, -0.71, -18.79
CIE _{LCh}	43, 18.799, 267.840
Yxy	13.3434, 0.2514, 0.2667
Android (android.graphics.Color)	4283525253 (0xFF516885)
YUV	100.4290, 16.0575, -17.0392
Hunter-Lab	36.5286, -2.4652, -13.5517

Details

The Hex color **516885** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **856E51**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **849BBA**, and **203953** is the 20% darker color. If you saturate the color by 10%, you get **446185**, and if you desaturate by 10%, it is **5E6F85**.

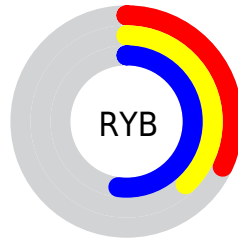
Distribution



Red (32%)

Green (41%)

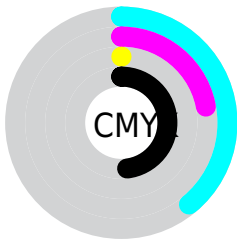
Blue (52%)



Red (32%)

Yellow (38%)

Blue (52%)

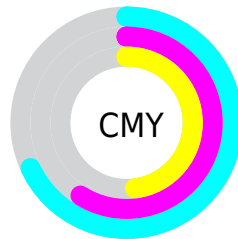


Cyan (39%)

Magenta (22%)

Yellow (0%)

Black (48%)



Cyan (68%)

Magenta (59%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516885 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 516885 by changing the saturation by 10% instead.

■ 516885

■ 516885

FFFFFF

■ 38506C

■ 849BBA

■ 203953

■ 9FB6D6

■ 05243C

■ BAD1F2

■ 000E26

■ D6EEFF

■ 000110

■ F3FFFF

■ 000000

■ 516885

■ 516885

■ 446185

■ 5E6F85

■ 365985

■ 6C7785

■ 295285

■ 797E85

■ 1C4A85

■ 868685

■ 0F4385

■ 948D85

■ 013B85

■ A19585

■ 003B85

■ AE9C85

■ BBA385

■ C9AB85

Harmonies

Analogous

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



3E6C80



516885



676382

Triad

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



516885



855C58



506D55

Complementary

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



516885



856E51

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.



626A4A



516885



7F604C

Square

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



516885



845B68



736547



406F65

Rectangle

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



516885



745F7B



736547



566C51

Sweetspot

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



516885



99A2AD



51856E



4B5057



D6D6D6



575757

Same Dimension

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



516885



5C80AD



545185



3C3F42



003A82



000103

Inverse Universe

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



855168



AD5C80



828551



423C3F



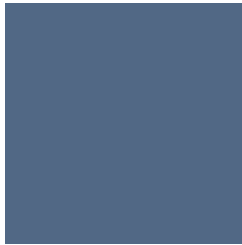
82003A



030001

Previews

White Background



This preview shows how the Hex color 516885 looks on a white background.

Color Contrast Check

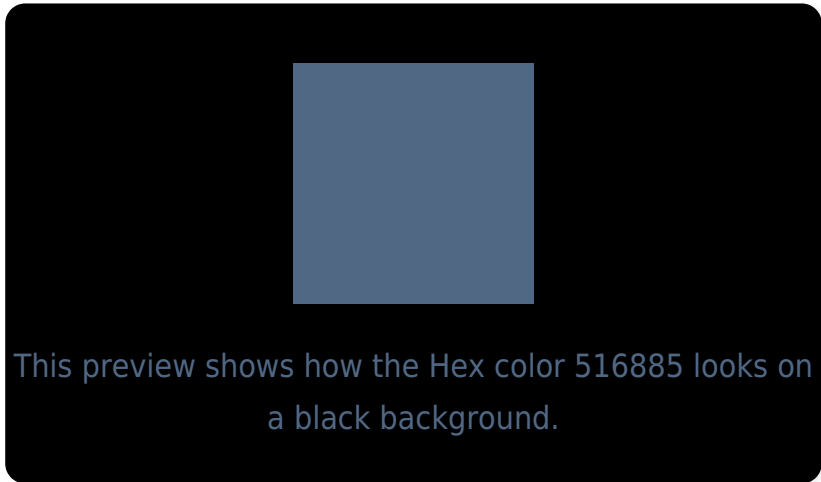
Large Text (above 18pt) WCAG AA ✓ Pass

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

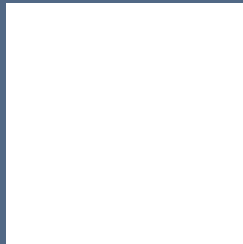
Any Text WCAG AAA × Fail

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

Hex 516885 Background



This preview shows how black text looks on a background with the Hex color 516885.

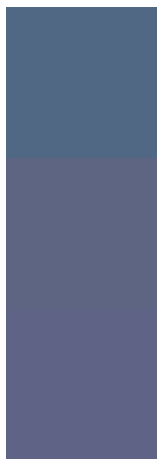


This preview shows how white text looks on a background with the Hex color 516885.

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
516885

Protanopia
5E6583

Deuteranopia
5F6486



Tritanopia
4D6B74

Trichromacy



Original Color
516885

Protanomaly
596684

Deuteranomaly
5A6586

Tritanomaly
4E6A7A

Monochromacy



Original Color
516885

Achromatopsia
646464

Achromatomaly
5D6570

CSS Examples

Text

The CSS property to change the color of the text to Hex 516885 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 #516885 looks like.

```
.text, #text, p{  
    color:#516885  
}
```

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 #516885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516885
}
```

Border

The CSS property to change the border of an element to Hex 516885 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
#516885 }
```

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

```
.border{ border-color:#516885 }
```

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

Here you see how a box with a 4 pixel #516885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516885; -webkit-box-shadow:4px 4px  
4px 4px #516885; box-shadow:4px 4px 4px  
4px #516885 }
```

Background

The CSS property to change the background color of an element to Hex 516885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516885 }
```

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

```
.background{ background-color:#516885 }
```

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