

Converting Colors

Hex(506786)

Have a look what the booklet for
Hex(506786) contains.

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Color

Hex(506786)

Conversions

Conversions Part 1

Format	Color
Hex	506786
RGB	80, 103, 134
RGB Percent	31%, 40%, 53%
CMY	0.6863, 0.5961, 0.4745
CMYK	0.40, 0.23, 0.00, 0.47
HSL	214°, 25%, 42%
HSV	214°, 40%, 53%
XYZ	12.4616, 13.1272, 24.4313
YIQ	99.6570, -23.6590, 4.7650

Conversions

Conversions Part 2

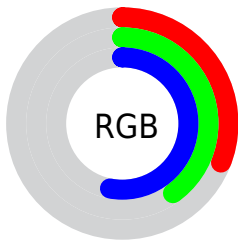
Format	Color
RYB	80, 96, 134
Decimal	5269382
CIELab	42.95, -0.10, -19.89
CIElCh	43, 19.887, 269.698
Yxy	13.1272, 0.2491, 0.2624
Android (android.graphics.Color)	4283459462 (0xFF506786)
YUV	99.6570, 16.9311, -17.2392
Hunter-Lab	36.2315, -2.0111, -14.6178

Details

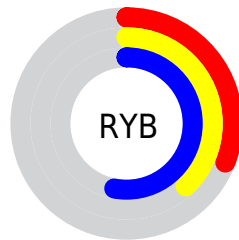
The Hex color **506786** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **866F50**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **839ABB**, and **1F3854** is the 20% darker color. If you saturate the color by 10%, you get **435F86**, and if you desaturate by 10%, it is **5D6F86**.

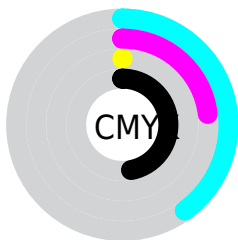
Distribution



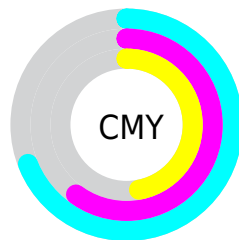
- Red (31%)
- Green (40%)
- Blue (53%)



- Red (31%)
- Yellow (38%)
- Blue (53%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506786 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 506786 by changing the saturation by 10% instead.

■ 506786

■ 506786

FFFFFF

■ 374F6D

■ 839ABB

■ 1F3854

■ 9EB5D7

■ 03233D

■ B9D0F4

■ 000D27

■ D5ECFF

■ 000111

■ F2FFFF

■ 000000

■ 506786

■ 506786

■ 435F86

■ 5D6F86

■ 355886

■ 6B7686

■ 285086

■ 787E86

■ 1A4886

■ 868686

■ 0D4186

■ 938D86

■ 003986

■ A09586

■ AE9D86

■ BBA586

■ C9AC86

Harmonies

Analogous

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



3A6C81



506786



686182

Triad

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



506786



865A56



4D6D54

Complementary

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



506786



866F50

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.



606949



506786



7F5F4A

Square

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



506786



855966



716445



3B6F65

Rectangle

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



506786



755E7B



716445



536C50

Sweetspot

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



506786



99A1AD



50866F



4B5057



D6D6D6



575757

Same Dimension

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



506786



5A7EAD



545086



3C3E42



003782



000103

Inverse Universe

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



865067



AD5A7E



828650



423C3E



820037



030001

Previews

White Background



This preview shows how the Hex color 506786 looks on a white background.

Color Contrast Check

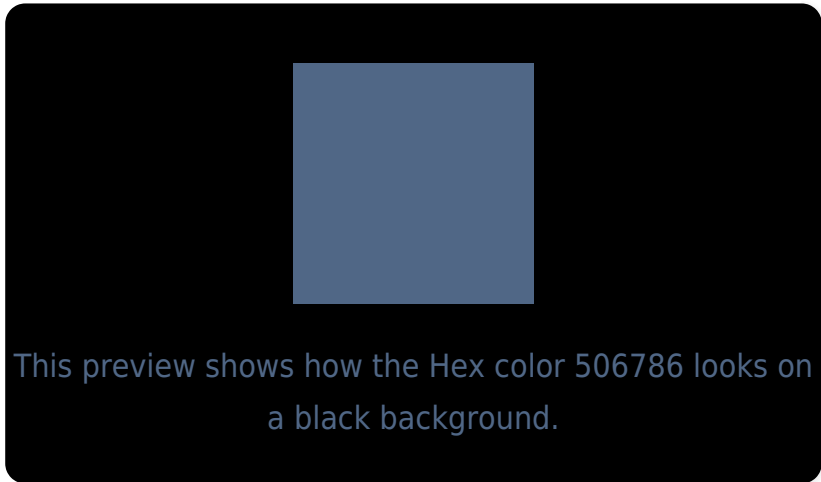
Large Text (above 18pt) WCAG AA ✓ Pass

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

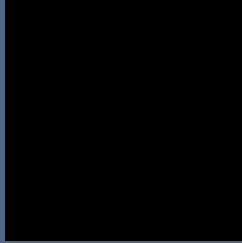
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

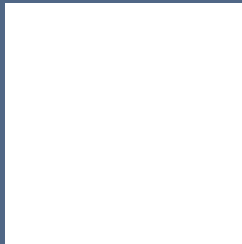
Any Text WCAG AAA × Fail

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

Hex 506786 Background



This preview shows how black text looks on a background with the Hex color 506786.

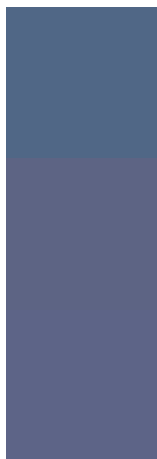


This preview shows how white text looks on a background with the Hex color 506786.

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
506786

Protanopia
5D6484

Deuteranopia
5D6487



Tritanopia
4B6A73

Trichromacy



Original Color
506786

Protanomaly
586585

Deuteranomaly
586587

Tritanomaly
4D697A

Monochromacy



Original Color
506786

Achromatopsia
646464

Achromatomaly
5D6570

CSS Examples

Text

The CSS property to change the color of the text to Hex 506786 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 #506786 looks like.

```
.text, #text, p{  
    color:#506786  
}
```

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 #506786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506786
}
```

Border

The CSS property to change the border of an element to Hex 506786 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
#506786 }
```

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

```
.border{ border-color:#506786 }
```

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

Here you see how a box with a 4 pixel #506786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506786; -webkit-box-shadow:4px 4px  
4px 4px #506786; box-shadow:4px 4px 4px  
4px #506786 }
```

Background

The CSS property to change the background color of an element to Hex 506786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506786 }
```

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

```
.background{ background-color:#506786 }
```

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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