

Converting Colors

Hex(506597)

Have a look what the booklet for
Hex(506597) contains.

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Color

Hex(506597)

Conversions

Conversions Part 1

Format	Color
Hex	506597
RGB	80, 101, 151
RGB Percent	31%, 40%, 59%
CMY	0.6863, 0.6039, 0.4078
CMYK	0.47, 0.33, 0.00, 0.41
HSL	222°, 31%, 45%
HSV	222°, 47%, 59%
XYZ	13.5479, 13.2472, 31.1211
YIQ	100.4210, -28.5660, 11.0980

Conversions

Conversions Part 2

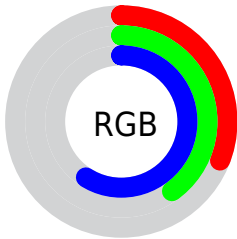
Format	Color
RYB	80, 96, 151
Decimal	5268887
CIELab	43.13, 6.30, -29.79
CIELCh	43, 30.448, 281.940
Yxy	13.2472, 0.2339, 0.2287
Android (android.graphics.Color)	4283458967 (0xFF506597)
YUV	100.4210, 24.9354, -17.9092
Hunter-Lab	36.3967, 2.7484, -25.2183

Details

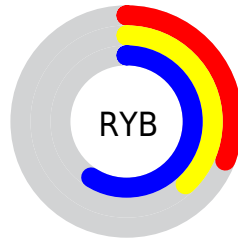
The Hex color **506597** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **978250**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **8598CD**, and **1A3764** is the 20% darker color. If you saturate the color by 10%, you get **415A97**, and if you desaturate by 10%, it is **5F7097**.

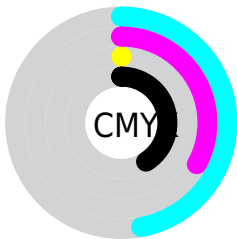
Distribution



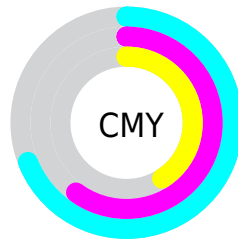
- Red (31%)
- Green (40%)
- Blue (59%)



- Red (31%)
- Yellow (38%)
- Blue (59%)



- Cyan (47%)
- Magenta (33%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506597 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 506597 by changing the saturation by 10% instead.

■ 506597

■ 506597

FFFFFF

■ 364D7D

■ 8598CD

■ 1A3764

■ A0B2EA

■ 00224C

■ BCCEFF

■ 000B35

■ D8EAFF

■ 00021F

■ F5FFFF

■ 000002

■ 000000

■ 506597

■ 506597

■ 415A97

■ 5F7097

■ 325097

■ 6E7A97

■ 234597

■ 7D8597

■ 143A97

■ 8C9097

■ 053097

■ 9C9A97

■ 002D97

■ ABA597

■ BAAF97

■ C9BA97

■ D8C597

Harmonies

Analogous

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



176D95



506597



755B8B

Triad

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



506597



925645



2E7255

Complementary

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



506597



978250

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.



506E3F



506597



825F36

Square

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



506597



96525D



6C6833



00736F

Rectangle

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



506597



87567E



6C6833



3A714D

Sweetspot

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



506597



A9B1C4



509782



535863



E3E3E3



636363

Same Dimension

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



506597



5677C4



5E5097



45474D



00298C



00040D

Inverse Universe

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



975065



C45677



899750



4D4547



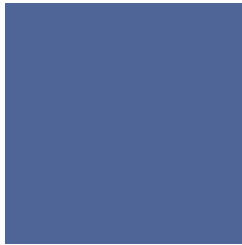
8C0029



0D0004

Previews

White Background



This preview shows how the Hex color 506597 looks on a white background.

Color Contrast Check

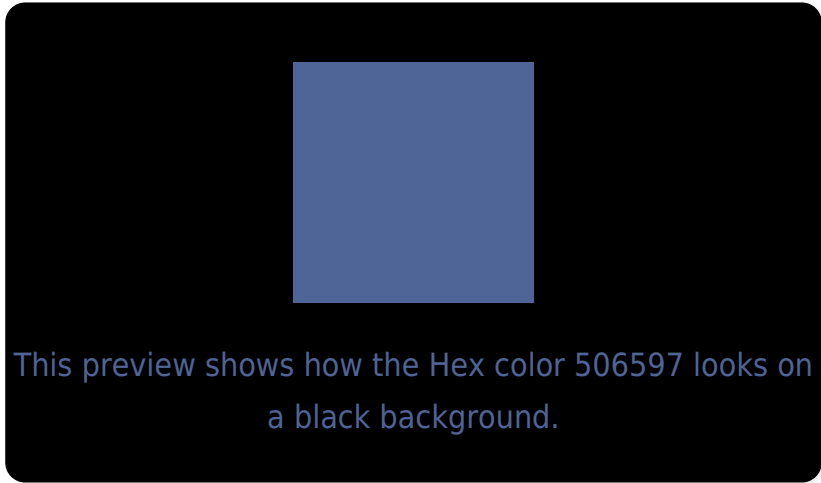
Large Text (above 18pt) WCAG AA ✓ Pass

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

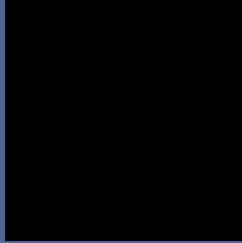
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

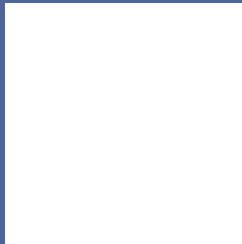
Any Text WCAG AAA × Fail

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

Hex 506597 Background



This preview shows how black text looks on a background with the Hex color 506597.



This preview shows how white text looks on a background with the Hex color 506597.

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
506597

Protanopia
556496

Deuteranopia
506597



Tritanopia
466C75

Trichromacy



Original Color
506597

Protanomaly
536496

Deuteranomaly
506597

Tritanomaly
4A6981

Monochromacy



Original Color
506597

Achromatopsia
646464

Achromatomaly
5D6477

CSS Examples

Text

The CSS property to change the color of the text to Hex 506597 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 #506597 looks like.

```
.text, #text, p{  
    color:#506597  
}
```

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 #506597 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506597
}
```

Border

The CSS property to change the border of an element to Hex 506597 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
#506597 }
```

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

```
.border{ border-color:#506597 }
```

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

Here you see how a box with a 4 pixel #506597 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506597; -webkit-box-shadow:4px 4px  
4px 4px #506597; box-shadow:4px 4px 4px  
4px #506597 }
```

Background

The CSS property to change the background color of an element to Hex 506597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506597 }
```

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

```
.background{ background-color:#506597 }
```

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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