

Converting Colors

Hex(506388)

Have a look what the booklet for
Hex(506388) contains.

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Color

Hex(506388)

Conversions

Conversions Part 1

Format	Color
Hex	506388
RGB	80, 99, 136
RGB Percent	31%, 39%, 53%
CMY	0.6863, 0.6118, 0.4667
CMYK	0.41, 0.27, 0.00, 0.47
HSL	220°, 26%, 42%
HSV	220°, 41%, 53%
XYZ	12.2140, 12.4067, 25.0435
YIQ	97.5370, -23.2010, 7.4790

Conversions

Conversions Part 2

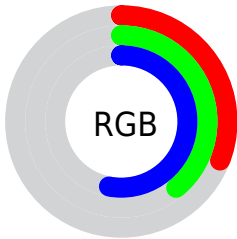
Format	Color
R_{YB}	80, 94, 136
Decimal	5268360
CIE Lab	41.86, 2.94, -22.79
CIE LCh	42, 22.977, 277.348
Yxy	12.4067, 0.2459, 0.2498
Android (android.graphics.Color)	4283458440 (0xFF506388)
YUV	97.5370, 18.9623, -15.3799
Hunter-Lab	35.2232, 0.2563, -17.4987

Details

The Hex color **506388** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **887550**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8396BD**, and **1E3556** is the 20% darker color. If you saturate the color by 10%, you get **425A88**, and if you desaturate by 10%, it is **5E6C88**.

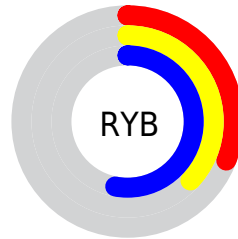
Distribution



Red (31%)

Green (39%)

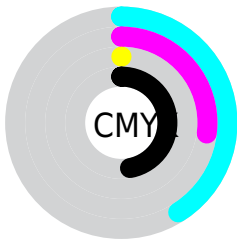
Blue (53%)



Red (31%)

Yellow (37%)

Blue (53%)

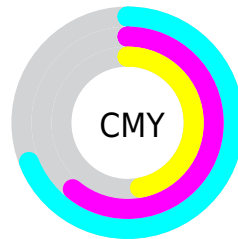


Cyan (41%)

Magenta (27%)

Yellow (0%)

Black (47%)



Cyan (69%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506388 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 506388 by changing the saturation by 10% instead.

■ 506388

■ 506388

FFFFFF

■ 374B6F

■ 8396BD

■ 1E3556

■ 9EB0D9

■ 02203F

■ BACCF6

■ 000729

■ D6E8FF

■ 000113

■ F2FFFF

■ 000000

■ 506388

■ 506388

■ 425A88

■ 5E6C88

■ 355188

■ 6B7588

■ 274888

■ 797E88

■ 1A3F88

■ 868788

■ 0C3688

■ 949088

■ 002E88

■ A29988

■ AFA288

■ BDAB88

■ CAB488

Harmonies

Analogous

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



326985



506388



6B5C81

Triad

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



506388



86574D



406C54

Complementary

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



506388



887550

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.



566844



506388



7C5D40

Square

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



506388



88545F



6B633D



296D67

Rectangle

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



506388



795877



6B633D



486B4E

Sweetspot

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



506388



9BA2B0



508874



4D5159



D9D9D9



595959

Same Dimension

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



506388



5A77B0



585088



3E4045



002D85



000205

Inverse Universe

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



885063



B05A77



808850



453E40



85002D



050002

Previews

White Background



This preview shows how the Hex color 506388 looks on a white background.

Color Contrast Check

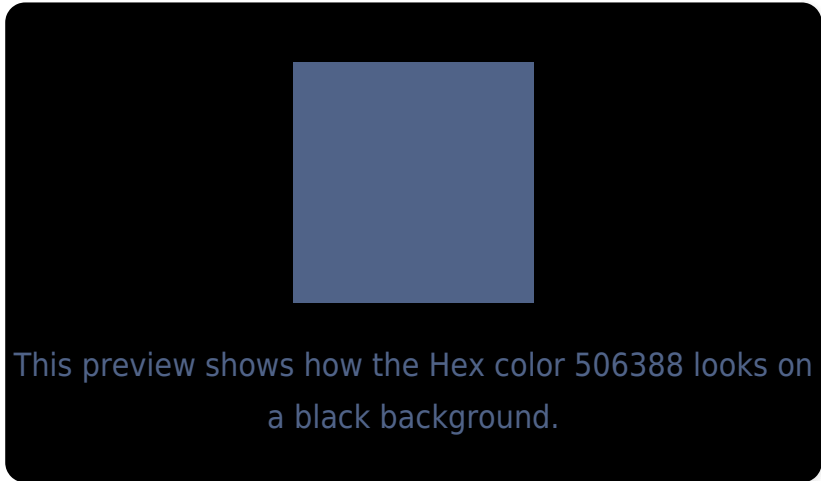
Large Text (above 18pt) WCAG AA ✓ Pass

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

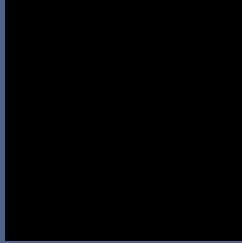
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

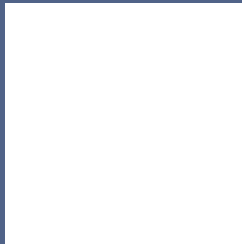
Any Text WCAG AAA × Fail

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

Hex 506388 Background



This preview shows how black text looks on a background with the Hex color 506388.



This preview shows how white text looks on a background with the Hex color 506388.

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
506388

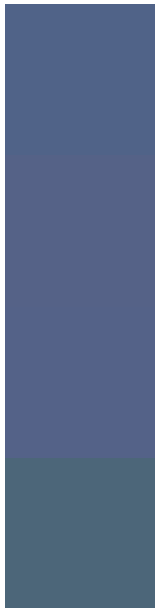
Protanopia
586187

Deuteranopia
566188



Tritanopia
4A6870

Trichromacy



Original Color
506388

Protanomaly
556287

Deuteranomaly
546288

Tritanomaly
4C6679

Monochromacy



Original Color
506388

Achromatopsia
626262

Achromatomaly
5B6270

CSS Examples

Text

The CSS property to change the color of the text to Hex 506388 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 #506388 looks like.

```
.text, #text, p{  
    color:#506388  
}
```

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 #506388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506388
}
```

Border

The CSS property to change the border of an element to Hex 506388 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
#506388 }
```

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

```
.border{ border-color:#506388 }
```

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

Here you see how a box with a 4 pixel #506388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506388; -webkit-box-shadow:4px 4px  
4px 4px #506388; box-shadow:4px 4px 4px  
4px #506388 }
```

Background

The CSS property to change the background color of an element to Hex 506388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506388 }
```

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

```
.background{ background-color:#506388 }
```

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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