

Converting Colors

Hex(506773)

Have a look what the booklet for
Hex(506773) contains.

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Color

Hex(506773)

Conversions

Conversions Part 1

Format	Color
Hex	506773
RGB	80, 103, 115
RGB Percent	31%, 40%, 45%
CMY	0.6863, 0.5961, 0.5490
CMYK	0.30, 0.10, 0.00, 0.55
HSL	201°, 18%, 38%
HSV	201°, 30%, 45%
XYZ	11.2530, 12.6438, 18.0671
YIQ	97.4910, -17.5600, -1.1440

Conversions

Conversions Part 2

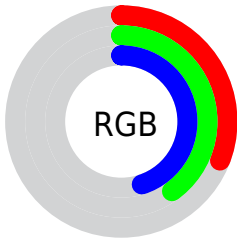
Format	Color
R_{YB}	80, 94, 115
Decimal	5269363
CIE _{Lab}	42.22, -5.44, -9.52
CIE _{LCh}	42, 10.964, 240.262
Yxy	12.6438, 0.2682, 0.3013
Android (android.graphics.Color)	4283459443 (0xFF506773)
YUV	97.4910, 8.6319, -15.3396
Hunter-Lab	35.5581, -5.7370, -5.2346

Details

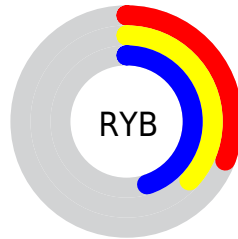
The Hex color **506773** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **735C50**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **829AA7**, and **213843** is the 20% darker color. If you saturate the color by 10%, you get **446373**, and if you desaturate by 10%, it is **5C6B73**.

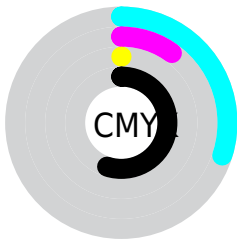
Distribution



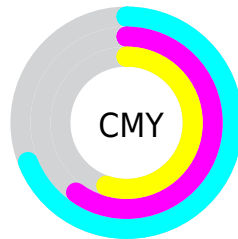
- Red (31%)
- Green (40%)
- Blue (45%)



- Red (31%)
- Yellow (37%)
- Blue (45%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506773 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 506773 by changing the saturation by 10% instead.

■ 506773

■ 506773

FFFFFF

■ 384F5A

■ 829AA7

■ 213843

■ 9DB5C2

■ 0A232D

■ B8D0DE

■ 000D18

■ D3EDFB

■ 000000

■ F0FFFF

■ 506773

■ 506773

■ 446373

■ 5C6B73

■ 395F73

■ 676F73

■ 2D5B73

■ 727373

■ 225773

■ 7E7773

■ 165373

■ 8A7B73

■ 0B4F73

■ 957F73

■ 004C73

■ A18373

■ AC8773

■ B88A73

Harmonies

Analogous

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



4C696C



506773



5A6475

Triad

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



506773



765D64



616654

Complementary

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



506773



735C50

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.



6B6352



506773



775E5B

Square

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



506773



705F6D



736054



57685A

Rectangle

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



506773



626274



736054



646553

Sweetspot

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



506773



899296



50735C



444A4D



CCCCCC



4D4D4D

Same Dimension

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



506773



5F8396



505673



35393B



00507A



00A4FA

Inverse Universe

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



735067



965F83



736D50



3B3539



7A0050



FA00A4

Previews

White Background



This preview shows how the Hex color 506773 looks on a white background.

Color Contrast Check

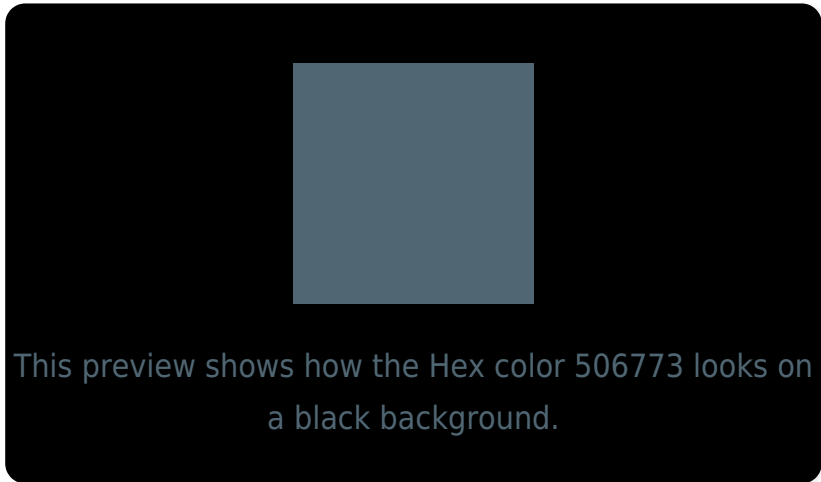
Large Text (above 18pt) WCAG AA ✓ Pass

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

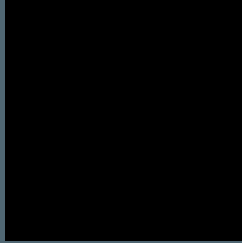
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

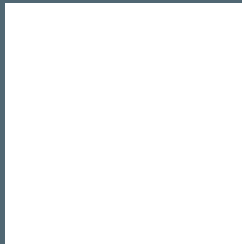
Any Text WCAG AAA × Fail

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

Hex 506773 Background



This preview shows how black text looks on a background with the Hex color 506773.

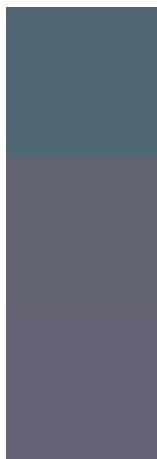


This preview shows how white text looks on a background with the Hex color 506773.

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
506773

Protanopia
616370

Deuteranopia
656174



Tritanopia
4F6870

Trichromacy



Original Color
506773

Protanomaly
5B6471

Deuteranomaly
5D6374

Tritanomaly
4F6871

Monochromacy



Original Color
506773

Achromatopsia
616161

Achromatomaly
5B6368

CSS Examples

Text

The CSS property to change the color of the text to Hex 506773 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 #506773 looks like.

```
.text, #text, p{  
    color:#506773  
}
```

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 #506773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506773
}
```

Border

The CSS property to change the border of an element to Hex 506773 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
#506773 }
```

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

```
.border{ border-color:#506773 }
```

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

Here you see how a box with a 4 pixel #506773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506773; -webkit-box-shadow:4px 4px  
4px 4px #506773; box-shadow:4px 4px 4px  
4px #506773 }
```

Background

The CSS property to change the background color of an element to Hex 506773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506773 }
```

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

```
.background{ background-color:#506773 }
```

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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