

Converting Colors

Hex(406870)

Have a look what the booklet for
Hex(406870) contains.

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Color

Hex(406870)

Conversions

Conversions Part 1

Format	Color
Hex	406870
RGB	64, 104, 112
RGB Percent	25%, 41%, 44%
CMY	0.7490, 0.5922, 0.5608
CMYK	0.43, 0.07, 0.00, 0.56
HSL	190°, 27%, 35%
HSV	190°, 43%, 44%
XYZ	9.9893, 12.1605, 17.1499
YIQ	92.9520, -26.4080, -5.9920

Conversions

Conversions Part 2

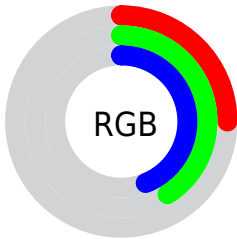
Format	Color
R_{YB}	64, 86, 112
Decimal	4221040
CIE Lab	41.47, -11.76, -8.92
CIE LCh	41, 14.760, 217.199
Yxy	12.1605, 0.2542, 0.3094
Android (android.graphics.Color)	4282411120 (0xFF406870)
YUV	92.9520, 9.3907, -25.3909
Hunter-Lab	34.8719, -9.8932, -4.7485

Details

The Hex color **406870** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **704840**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **729BA4**, and **0D3940** is the 20% darker color. If you saturate the color by 10%, you get **356670**, and if you desaturate by 10%, it is **4B6A70**.

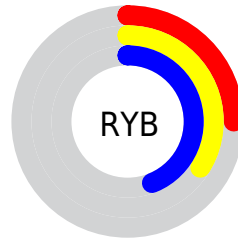
Distribution



 Red (25%)

 Green (41%)

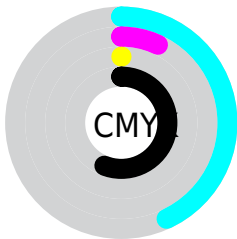
 Blue (44%)



 Red (25%)

 Yellow (34%)

 Blue (44%)

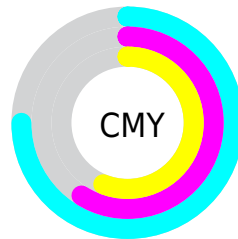


 Cyan (43%)


 Magenta (7%)

 Yellow (0%)

 Black (56%)



 Cyan (75%)

 Magenta (59%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406870 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 406870 by changing the saturation by 10% instead.

■ 406870

■ 406870

FFFFFF

■ 275058

■ 729BA4

■ 0D3940

■ 8DB6BF

■ 00232A

■ A8D2DB

■ 000B16

■ C3EEF7

■ 000000

■ E0FFFF

FDFFFF

■ 406870

■ 406870

■ 356670

■ 4B6A70

■ 2A6470

■ 566C70

■ 1E6270

■ 626E70

■ 136170

■ 6D6F70

■ 085F70

■ 787170

■ 005D70

■ 837370

■ 8E7570

■ 9A7770

■ A57970

Harmonies

Analogous

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



426964



406870



486678

Triad

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



406870



745A6B



68624A

Complementary

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



406870



704840

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.



735E4C



406870



7A595F

Square

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



406870



685E75



7A5B54



5A664E

Rectangle

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



406870



52637A



7A5B54



6C614A

Sweetspot

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



406870



7E8E91



407048



3E484A



C9C9C9



4A4A4A

Same Dimension

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



406870



478591



405070



323738



006478



00CEF7

Inverse Universe

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



704068



914785



706040



383237



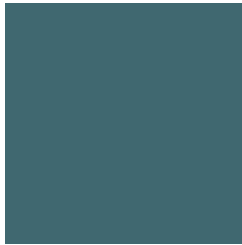
780064



F700CE

Previews

White Background



This preview shows how the Hex color 406870 looks on a white background.

Color Contrast Check

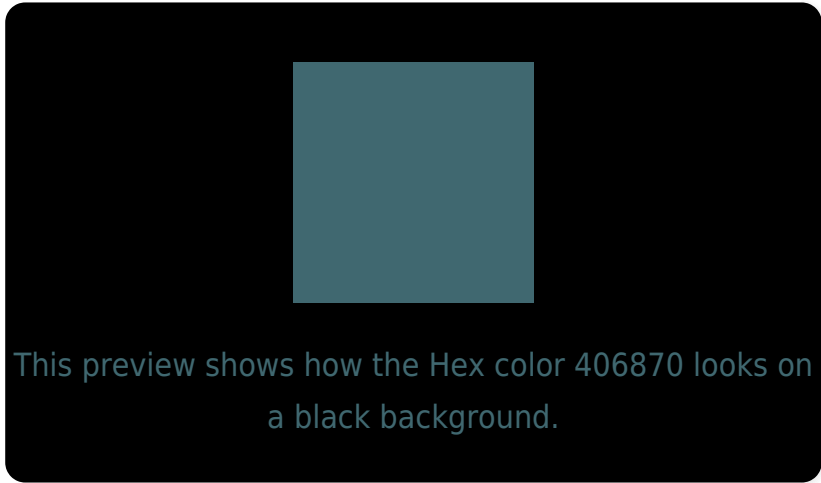
Large Text (above 18pt) WCAG AA ✓ Pass

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

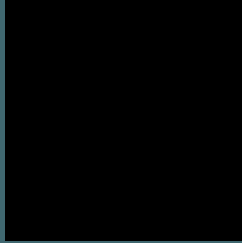
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

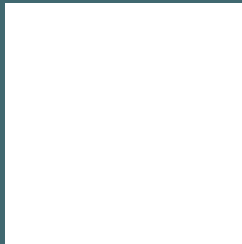
Any Text WCAG AAA × Fail

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

Hex 406870 Background



This preview shows how black text looks on a background with the Hex color 406870.

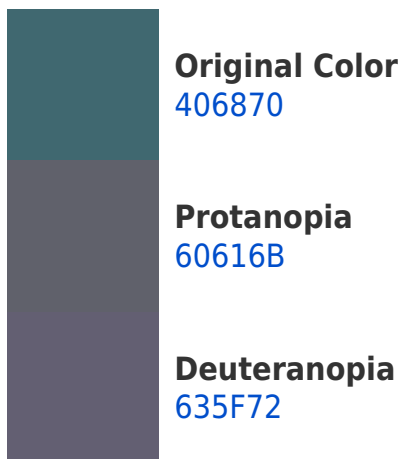


This preview shows how white text looks on a background with the Hex color 406870.

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





Tritanopia
406870

Trichromacy



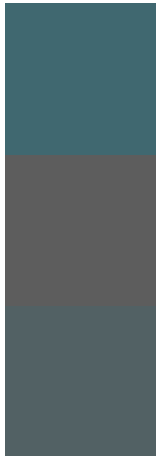
Original Color
406870

Protanomaly
54646D

Deuteranomaly
566271

Tritanomaly
406870

Monochromacy



Original Color
406870

Achromatopsia
5D5D5D

Achromatomaly
526164

CSS Examples

Text

The CSS property to change the color of the text to Hex 406870 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 #406870 looks like.

```
.text, #text, p{  
    color:#406870  
}
```

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 #406870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406870
}
```

Border

The CSS property to change the border of an element to Hex 406870 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
#406870 }
```

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

```
.border{ border-color:#406870 }
```

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

Here you see how a box with a 4 pixel #406870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406870; -webkit-box-shadow:4px 4px  
4px 4px #406870; box-shadow:4px 4px 4px  
4px #406870 }
```

Background

The CSS property to change the background color of an element to Hex 406870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406870 }
```

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

```
.background{ background-color:#406870 }
```

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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