

Converting Colors

Hex(406064)

Have a look what the booklet for
Hex(406064) contains.

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Color

Hex(406064)

Conversions

Conversions Part 1

Format	Color
Hex	406064
RGB	64, 96, 100
RGB Percent	25%, 38%, 39%
CMY	0.7490, 0.6235, 0.6078
CMYK	0.36, 0.04, 0.00, 0.61
HSL	187°, 22%, 32%
HSV	187°, 36%, 39%
XYZ	8.5975, 10.3758, 13.6062
YIQ	86.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

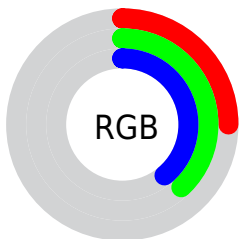
Format	Color
RYB	64, 81, 100
Decimal	4218980
CIELab	38.51, -10.50, -6.01
CIElCh	39, 12.101, 209.774
Yxy	10.3758, 0.2639, 0.3185
Android (android.graphics.Color)	4282409060 (0xFF406064)
YUV	86.8880, 6.4642, -20.0728
Hunter-Lab	32.2115, -8.7274, -2.4961

Details

The Hex color **406064** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **644440**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **719397**, and **113235** is the 20% darker color. If you saturate the color by 10%, you get **365F64**, and if you desaturate by 10%, it is **4A6164**.

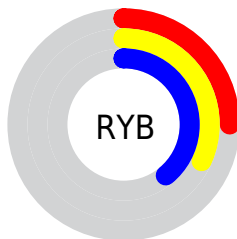
Distribution



Red (25%)

Green (38%)

Blue (39%)



Red (25%)

Yellow (32%)

Blue (39%)

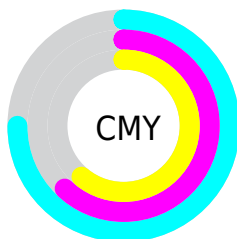


Cyan (36%)

Magenta (4%)

Yellow (0%)

Black (61%)



Cyan (75%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406064 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 406064 by changing the saturation by 10% instead.

406064

406064

FFFFFF

28484C

719397

113235

8BADB1

001D20

A6C9CD

000008

C1E5E9

000000

DEFFFF

FAFFFF

406064

406064

365F64

4A6164

■ 2C5E64

■ 546264

■ 225D64

■ 5E6364

■ 185C64

■ 686464

■ 0E5A64

■ 726664

■ 045964

■ 7C6764

■ 005964

■ 866864

■ 906964

■ 9A6A64

Harmonies

Analogous

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



43605A



406064



445E6B

Triad

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



406064



675565



625A47

Complementary

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



406064



644440

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.



6B574A



406064



6E545B

Square

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



406064



5C586C



6F5451



585D4A

Rectangle

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



406064



4B5D6E



6F5451



655948

Sweetspot

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



406064



748082



406444



3A4142



C2C2C2



424242

Same Dimension

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



406064



4A7C82



404E64



2E3233



006673



00D7F2

Inverse Universe

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



644060



824A7C



645640



332E32



730066



F200D7

Previews

White Background



This preview shows how the Hex color 406064 looks on a white background.

Color Contrast Check

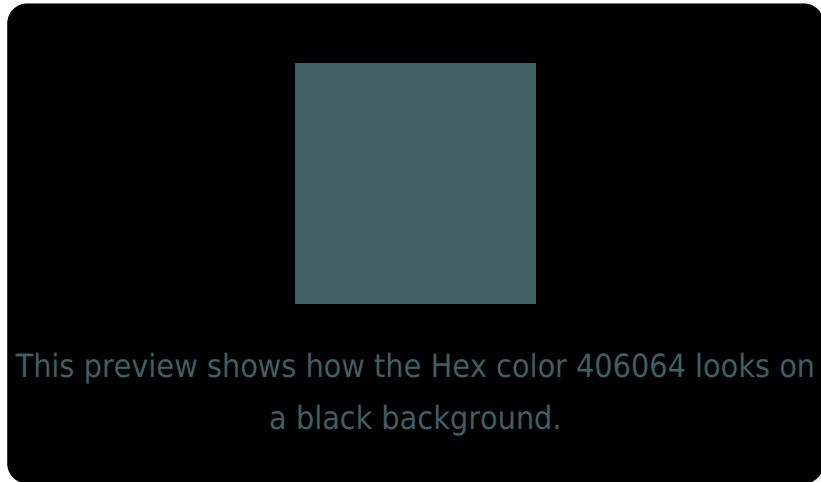
Large Text (above 18pt) WCAG AA ✓ Pass

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

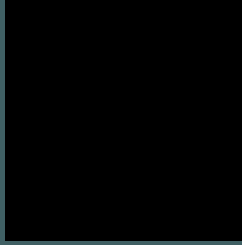
Any Text WCAG AA × Fail

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 406064 Background



This preview shows how black text looks on a background with the Hex color 406064.

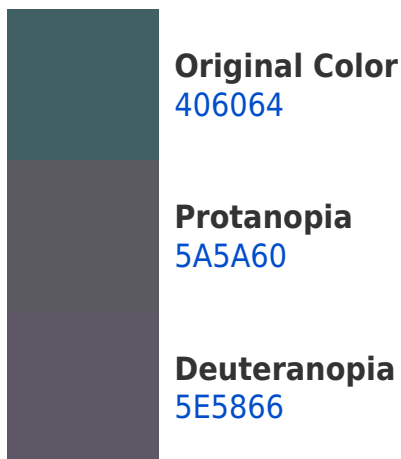


This preview shows how white text looks on a background with the Hex color 406064.

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
415F67

Trichromacy



Original Color

406064

Protanomaly

515C61

Deuteranomaly

535B65

Tritanomaly

415F66

Monochromacy



Original Color

406064

Achromatopsia

575757

Achromatomaly

4F5A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 406064 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 #406064 looks like.

```
.text, #text, p{  
    color:#406064  
}
```

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 #406064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406064
}
```

Border

The CSS property to change the border of an element to Hex 406064 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
#406064 }
```

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

```
.border{ border-color:#406064 }
```

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

Here you see how a box with a 4 pixel #406064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406064; -webkit-box-shadow:4px 4px  
4px 4px #406064; box-shadow:4px 4px 4px  
4px #406064 }
```

Background

The CSS property to change the background color of an element to Hex 406064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406064 }
```

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

```
.background{ background-color:#406064 }
```

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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