

Converting Colors

Hex(466370)

Have a look what the booklet for
Hex(466370) contains.

Hex(466370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(466370)

Conversions

Conversions Part 1

Format	Color
Hex	466370
RGB	70, 99, 112
RGB Percent	27%, 39%, 44%
CMY	0.7255, 0.6118, 0.5608
CMYK	0.37, 0.12, 0.00, 0.56
HSL	199°, 23%, 36%
HSV	199°, 37%, 44%
XYZ	9.9123, 11.3956, 17.0064
YIQ	91.8110, -21.4570, -2.1050

Conversions

Conversions Part 2

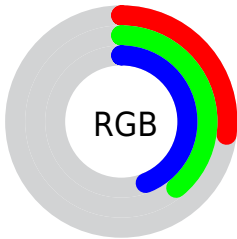
Format	Color
R _Y B	70, 87, 112
Decimal	4612976
CIE Lab	40.24, -7.06, -10.74
CIE LCh	40, 12.856, 236.694
Yxy	11.3956, 0.2587, 0.2974
Android (android.graphics.Color)	4282803056 (0xFF466370)
YUV	91.8110, 9.9532, -19.1282
Hunter-Lab	33.7574, -6.6621, -6.2391

Details

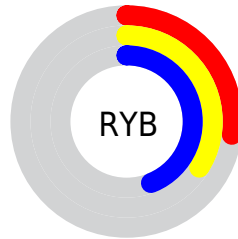
The Hex color **466370** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **705346**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7896A4**, and **163540** is the 20% darker color. If you saturate the color by 10%, you get **3B6070**, and if you desaturate by 10%, it is **516670**.

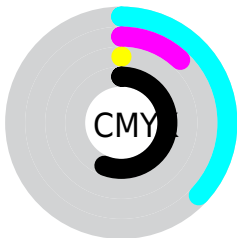
Distribution



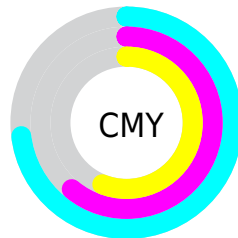
- Red (27%)
- Green (39%)
- Blue (44%)



- Red (27%)
- Yellow (34%)
- Blue (44%)



- Cyan (37%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (73%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466370 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 466370 by changing the saturation by 10% instead.

■ 466370

■ 466370

FFFFFF

■ 2E4B58

■ 7896A4

■ 163540

■ 92B0BF

■ 001F2A

■ ADCCDB

■ 000316

■ C9E8F7

■ 000000

■ E5FFFF

■ 466370

■ 466370

■ 3B6070

■ 516670

■ 305C70

■ 5C6A70

■ 245970

■ 686D70

■ 195570

■ 737170

■ 0E5270

■ 7E7470

■ 034E70

■ 897870

■ 004D70

■ 947B70

■ A07F70

■ AB8270

Harmonies

Analogous

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



426568



466370



516074

Triad

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



466370



735860



5D614C

Complementary

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



466370



705346

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.



685E4A



466370



755856

Square

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



466370



6B596A



715A4E



516453

Rectangle

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



466370



5B5E73



715A4E



61604B

Sweetspot

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



466370



818C91



467053



40474A



C9C9C9



4A4A4A

Same Dimension

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



466370



507D91



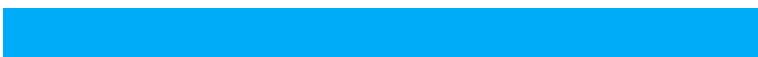
464E70



323638



005378



00ABF7

Inverse Universe

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



704663



91507D



706846



383236



780053



F700AB

Previews

White Background



This preview shows how the Hex color 466370 looks on a white background.

Color Contrast Check

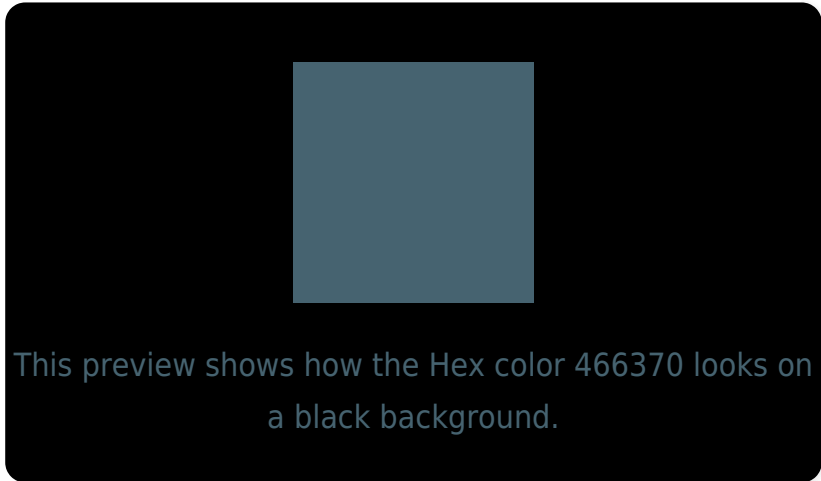
Large Text (above 18pt) WCAG AA ✓ Pass

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

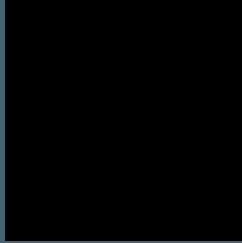
Any Text WCAG AA × Fail

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 466370 Background



This preview shows how black text looks on a background with the Hex color 466370.

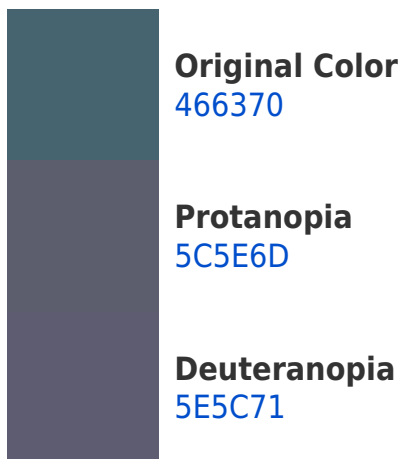



This preview shows how white text looks on a background with the Hex color 466370.

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](#).

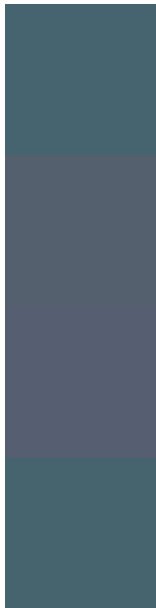
Dichromacy





Tritanopia
45646C

Trichromacy



Original Color
466370

Protanomaly
54606E

Deuteranomaly
555F71

Tritanomaly
45646D

Monochromacy



Original Color
466370

Achromatopsia
5C5C5C

Achromatomaly
545F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 466370 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 #466370 looks like.

```
.text, #text, p{  
    color:#466370  
}
```

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 #466370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466370
}
```

Border

The CSS property to change the border of an element to Hex 466370 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
#466370 }
```

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

```
.border{ border-color:#466370 }
```

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

Here you see how a box with a 4 pixel #466370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466370; -webkit-box-shadow:4px 4px  
4px 4px #466370; box-shadow:4px 4px 4px  
4px #466370 }
```

Background

The CSS property to change the background color of an element to Hex 466370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466370 }
```

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

```
.background{ background-color:#466370 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor