

Converting Colors

Hex(466A6A)

Have a look what the booklet for
Hex(466A6A) contains.

Hex(466A6A)	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(466A6A)

Conversions

Conversions Part 1

Format	Color
Hex	466A6A
RGB	70, 106, 106
RGB Percent	27%, 42%, 42%
CMY	0.7255, 0.5843, 0.5843
CMYK	0.34, 0.00, 0.00, 0.58
HSL	180°, 20%, 35%
HSV	180°, 34%, 42%
XYZ	10.2813, 12.6508, 15.5356
YIQ	95.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

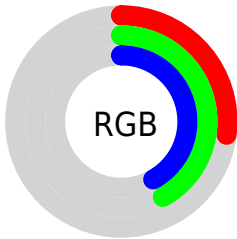
Format	Color
RYB	70, 88, 106
Decimal	4614762
CIELab	42.23, -12.77, -4.11
CIELCh	42, 13.410, 197.840
Yxy	12.6508, 0.2673, 0.3289
Android (android.graphics.Color)	4282804842 (0xFF466A6A)
YUV	95.2360, 5.3067, -22.1320
Hunter-Lab	35.5679, -10.6463, -0.9996

Details

The Hex color **466A6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4646**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **789D9D**, and **163B3B** is the 20% darker color. If you saturate the color by 10%, you get **3B6A6A**, and if you desaturate by 10%, it is **516A6A**.

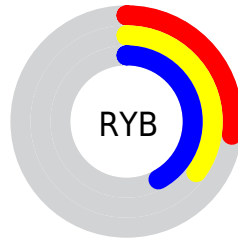
Distribution



Red (27%)

Green (42%)

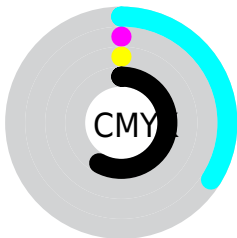
Blue (42%)



Red (27%)

Yellow (35%)

Blue (42%)

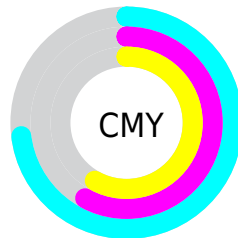


Cyan (34%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466A6A 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 466A6A by changing the saturation by 10% instead.



466A6A



466A6A

FFFFFF



2E5252



789D9D



163B3B



92B8B8



002525



ADD4D4



000F10



C9F0F0



000000



E5FFFF



466A6A



466A6A



3B6A6A



516A6A



316A6A



5B6A6A

■ 266A6A

■ 666A6A

■ 1C6A6A

■ 706A6A

■ 116A6A

■ 7B6A6A

■ 066A6A

■ 866A6A

■ 006A6A

■ 906A6A

■ 9B6A6A

■ A56A6A

Harmonies

Analogous

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



4D6A5F



466A6A



476974

Triad

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



466A6A



6E5F73



70614E

Complementary

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



466A6A



6A4646

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.



785E54



466A6A



775C69

Square

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



466A6A



606279



7B5C5D



65654F

Rectangle

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



466A6A



4D6778



7B5C5D



736050

Sweetspot

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



466A6A



7C8A8A



466A46



3D4545



C4C4C4



454545

Same Dimension

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



466A6A



518A8A



46586A



303636



007575



00F5F5

Inverse Universe

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



6A466A



8A518A



6A5846



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 466A6A looks on a white background.

Color Contrast Check

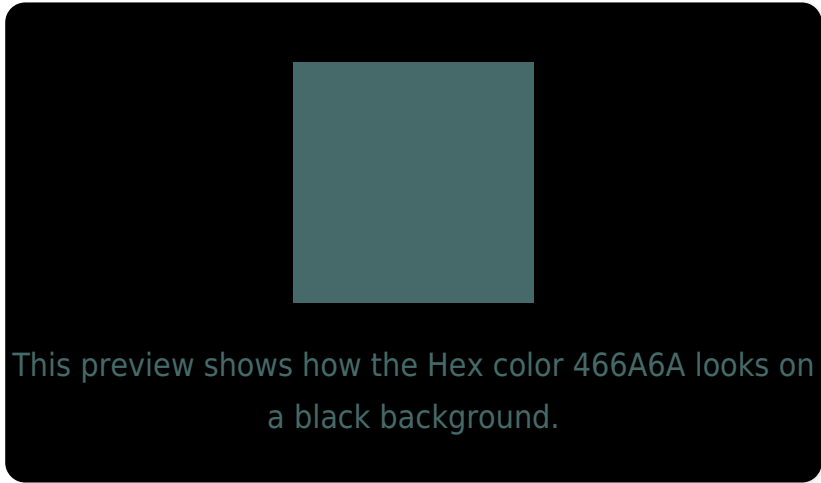
Large Text (above 18pt) WCAG AA ✓ Pass

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

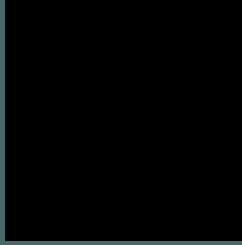
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

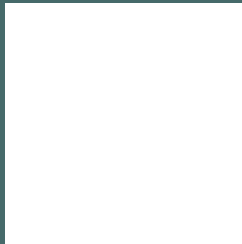
Any Text WCAG AAA × Fail

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

Hex 466A6A Background



This preview shows how black text looks on a background with the Hex color 466A6A.

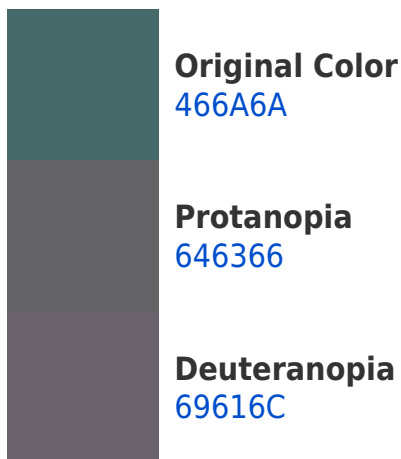



This preview shows how white text looks on a background with the Hex color 466A6A.

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](#).

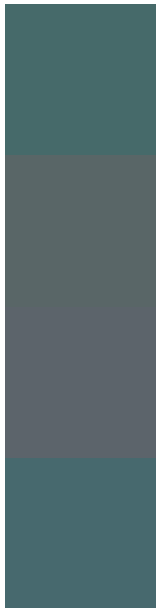
Dichromacy





Tritanopia
486971

Trichromacy



Original Color
466A6A

Protanomaly
596667

Deuteranomaly
5C646B

Tritanomaly
47696E

Monochromacy



Original Color
466A6A

Achromatopsia
5F5F5F

Achromatomaly
566363

CSS Examples

Text

The CSS property to change the color of the text to Hex 466A6A 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 #466A6A looks like.

```
.text, #text, p{  
    color:#466A6A  
}
```

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 #466A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466A6A
}
```

Border

The CSS property to change the border of an element to Hex 466A6A 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
#466A6A }
```

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

```
.border{ border-color:#466A6A }
```

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

Here you see how a box with a 4 pixel #466A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466A6A; -webkit-box-shadow:4px 4px  
4px 4px #466A6A; box-shadow:4px 4px 4px  
4px #466A6A }
```

Background

The CSS property to change the background color of an element to Hex 466A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466A6A }
```

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

```
.background{ background-color:#466A6A }
```

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