

Converting Colors

Hex(466966)

Have a look what the booklet for
Hex(466966) contains.

Hex(466966)	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(466966)

Conversions

Conversions Part 1

Format	Color
Hex	466966
RGB	70, 105, 102
RGB Percent	27%, 41%, 40%
CMY	0.7255, 0.5882, 0.6000
CMYK	0.33, 0.00, 0.03, 0.59
HSL	175°, 20%, 34%
HSV	175°, 33%, 41%
XYZ	9.9756, 12.3646, 14.4312
YIQ	94.1930, -19.8970, -8.3530

Conversions

Conversions Part 2

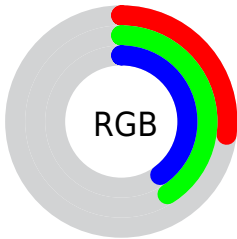
Format	Color
RYB	70, 88, 105
Decimal	4614502
CIELab	41.79, -13.24, -2.33
CIElCh	42, 13.447, 189.994
Yxy	12.3646, 0.2713, 0.3363
Android (android.graphics.Color)	4282804582 (0xFF466966)
YUV	94.1930, 3.8489, -21.2173
Hunter-Lab	35.1633, -10.8962, 0.2813

Details

The Hex color **466966** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **694649**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **789C99**, and **173A37** is the 20% darker color. If you saturate the color by 10%, you get **3B6965**, and if you desaturate by 10%, it is **516967**.

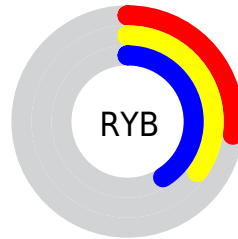
Distribution



Red (27%)

Green (41%)

Blue (40%)



Red (27%)

Yellow (35%)

Blue (41%)

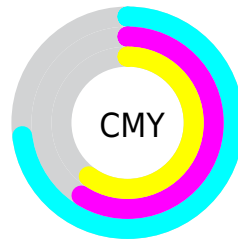


Cyan (33%)

Magenta (0%)

Yellow (3%)

Black (59%)



Cyan (73%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466966 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 466966 by changing the saturation by 10% instead.

466966

466966

FFFFFF

2E514E

789C99

173A37

92B7B4

002422

ADD3CF

000D0C

C8EFEB

000000

E5FFFF

466966

466966

3B6965

516967

316964

5B6968

■ 276963

■ 666969

■ 1C6962

■ 70696A

■ 126962

■ 7B696A

■ 076961

■ 85696B

■ 006960

■ 90696C

■ 9A696D

■ A5696E

Harmonies

Analogous

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



4F685B



466966



456870

Triad

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



466966



695F74



725F4E

Complementary

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



466966



694649

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.



785C55



466966



745C6A

Square

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



466966



5B6278



795B5F



67634D

Rectangle

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



466966



496775



795B5F



745E50

Sweetspot

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



466966



7C8A89



4A6946



3D4544



C4C4C4



454545

Same Dimension

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



466966



538A85



465B69



303635



00756B



00F5E0

Inverse Universe

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



694649



8A5357



695446



363031



75000A



F50015

Previews

White Background



This preview shows how the Hex color 466966 looks on a white background.

Color Contrast Check

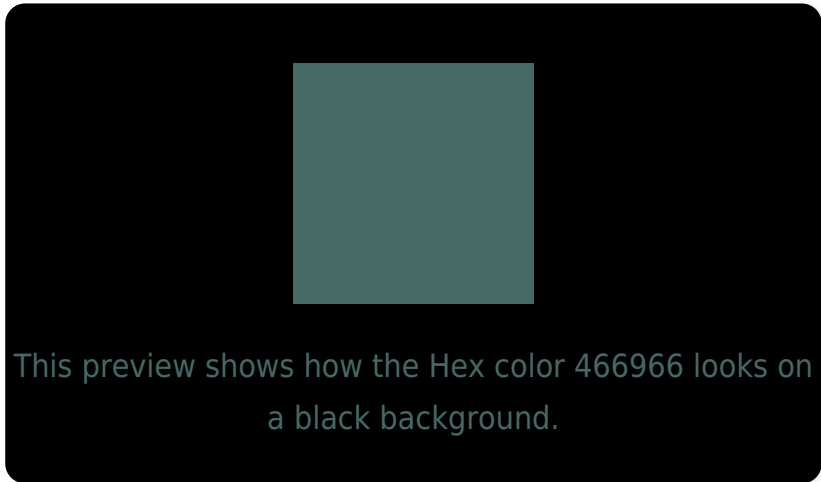
Large Text (above 18pt) WCAG AA ✓ Pass

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

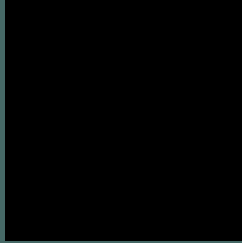
Any Text WCAG AA × Fail

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 466966 Background



This preview shows how black text looks on a background with the Hex color 466966.

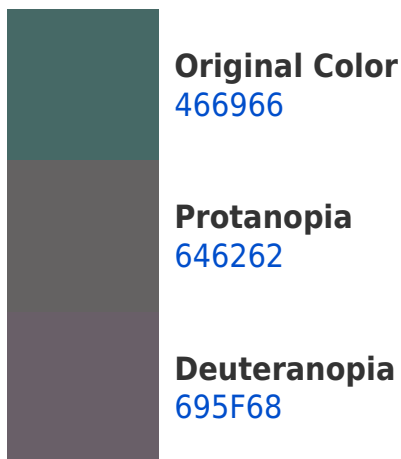


This preview shows how white text looks on a background with the Hex color 466966.

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](#).

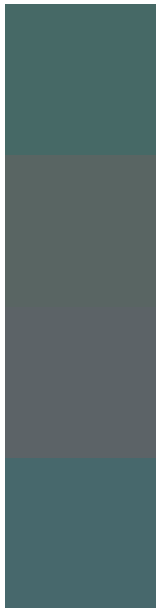
Dichromacy





Tritanopia
486870

Trichromacy



Original Color
466966

Protanomaly
596563

Deuteranomaly
5C6367

Tritanomaly
47686C

Monochromacy



Original Color
466966

Achromatopsia
5E5E5E

Achromatomaly
556261

CSS Examples

Text

The CSS property to change the color of the text to Hex 466966 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 #466966 looks like.

```
.text, #text, p{  
    color:#466966  
}
```

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 #466966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466966
}
```

Border

The CSS property to change the border of an element to Hex 466966 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
#466966 }
```

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

```
.border{ border-color:#466966 }
```

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

Here you see how a box with a 4 pixel #466966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466966; -webkit-box-shadow:4px 4px  
4px 4px #466966; box-shadow:4px 4px 4px  
4px #466966 }
```

Background

The CSS property to change the background color of an element to Hex 466966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466966 }
```

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

```
.background{ background-color:#466966 }
```

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