

Converting Colors

Hex(466B5D)

Have a look what the booklet for
Hex(466B5D) contains.

| | |
|--|----|
| Hex(466B5D) | 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(466B5D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 466B5D |
| RGB | 70, 107, 93 |
| RGB Percent | 27%, 42%, 36% |
| CMY | 0.7255, 0.5804, 0.6353 |
| CMYK | 0.35, 0.00, 0.13, 0.58 |
| HSL | 157°, 21%, 35% |
| HSV | 157°, 35%, 42% |
| XYZ | 9.7593, 12.6078, 12.2751 |
| YIQ | 94.3410, -17.5580, -12.1980 |

Conversions

Conversions Part 2

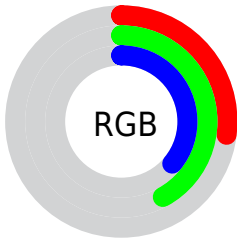
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 70, 93, 107 |
| Decimal | 4615005 |
| CIELab | 42.17, -16.58, 3.67 |
| CIElCh | 42, 16.985, 167.521 |
| Yxy | 12.6078, 0.2817, 0.3639 |
| Android (android.graphics.Color) | 4282805085 (0xFF466B5D) |
| YUV | 94.3410, -0.6611, -21.3471 |
| Hunter-Lab | 35.5075, -13.0771, 4.3584 |

Details

The Hex color **466B5D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B4654**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **789F8F**, and **173B2F** is the 20% darker color. If you saturate the color by 10%, you get **3B6B59**, and if you desaturate by 10%, it is **516B61**.

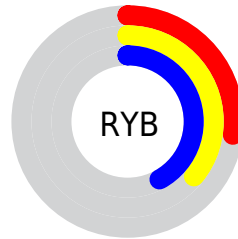
Distribution



Red (27%)

Green (42%)

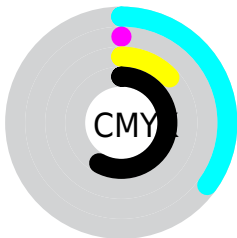
Blue (36%)



Red (27%)

Yellow (36%)

Blue (42%)

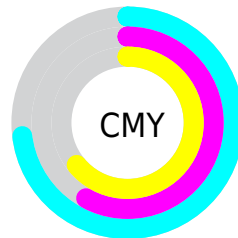


Cyan (35%)

Magenta (0%)

Yellow (13%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466B5D 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 466B5D by changing the saturation by 10% instead.

 466B5D

 466B5D

FFFFFF

 2E5345


 789F8F

 173B2F

 92BAAA

 01251A

 ADD5C5

 000E00

 C8F2E1

 000000


 E5FFFE

 466B5D

 466B5D

 3B6B59

 516B61

 316B55


 5B6B65

 266B51

 666B69

 1B6B4D

 716B6D


 116B49

 7C6B71

 066B45

 866B75

 006B43

 916B79

 9C6B7D

 A66B81

Harmonies

Analogous

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



556950



466B5D



3C6B6B

Triad

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



466B5D



5E627E



7D5C4F

Complementary

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



466B5D



6B4654

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.



805A5C



466B5D



705D76

Square

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



466B5D



4A677E



7C5A6A



736148

Rectangle

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



466B5D



3B6B74



7C5A6A



7F5B53

Sweetspot

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



466B5D



7E8C87



546B46



3F4744



C7C7C7



474747

Same Dimension

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



466B5D



538C76



46676B



303634



007549



00F598

Inverse Universe

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



6B4654



8C5369



6B4A46



363032



75002C



F5005D

Previews

White Background



This preview shows how the Hex color 466B5D looks on a white background.

Color Contrast Check

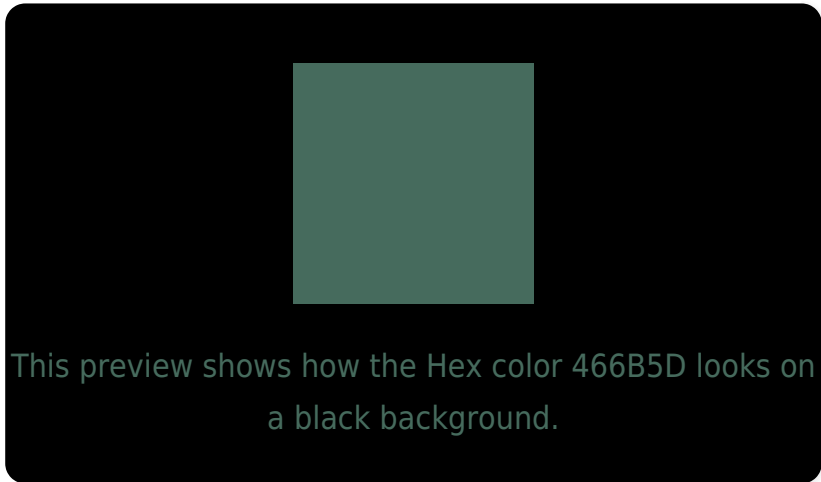
Large Text (above 18pt) WCAG AA ✓ Pass

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

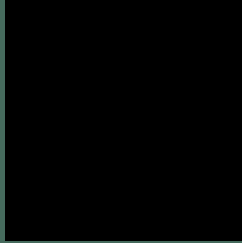
Any Text WCAG AA × Fail

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 466B5D Background



This preview shows how black text looks on a background with the Hex color 466B5D.



This preview shows how white text looks on a background with the Hex color 466B5D.

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



Original Color
466B5D

Protanopia
676359

Deuteranopia
6E605F



Tritanopia
4A6871

Trichromacy



Original Color
466B5D

Protanomaly
5B665A

Deuteranomaly
5F645E

Tritanomaly
49696A

Monochromacy



Original Color
466B5D

Achromatopsia
5E5E5E

Achromatomaly
55635E

CSS Examples

Text

The CSS property to change the color of the text to Hex 466B5D 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 #466B5D looks like.

```
.text, #text, p{  
    color:#466B5D  
}
```

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 #466B5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466B5D
}
```

Border

The CSS property to change the border of an element to Hex 466B5D 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
#466B5D }
```

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

```
.border{ border-color:#466B5D }
```

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

Here you see how a box with a 4 pixel #466B5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466B5D; -webkit-box-shadow:4px 4px  
4px 4px #466B5D; box-shadow:4px 4px 4px  
4px #466B5D }
```

Background

The CSS property to change the background color of an element to Hex 466B5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466B5D }
```

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

```
.background{ background-color:#466B5D }
```

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