

Converting Colors

Hex(466A64)

Have a look what the booklet for
Hex(466A64) contains.

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Color

Hex(466A64)

Conversions

Conversions Part 1

Format	Color
Hex	466A64
RGB	70, 106, 100
RGB Percent	27%, 42%, 39%
CMY	0.7255, 0.5843, 0.6078
CMYK	0.34, 0.00, 0.06, 0.58
HSL	170°, 20%, 35%
HSV	170°, 34%, 42%
XYZ	9.9801, 12.5303, 13.9492
YIQ	94.5520, -19.5300, -9.4980

Conversions

Conversions Part 2

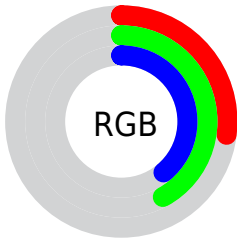
Format	Color
RYB	70, 90, 106
Decimal	4614756
CIELab	42.05, -14.32, -0.74
CIELCh	42, 14.335, 182.968
Yxy	12.5303, 0.2737, 0.3437
Android (android.graphics.Color)	4282804836 (0xFF466A64)
YUV	94.5520, 2.6859, -21.5321
Hunter-Lab	35.3981, -11.6208, 1.4145

Details

The Hex color **466A64** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A464C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **789D97**, and **173B35** is the 20% darker color. If you saturate the color by 10%, you get **3B6A62**, and if you desaturate by 10%, it is **516A66**.

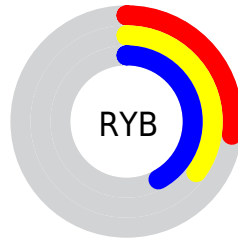
Distribution



Red (27%)

Green (42%)

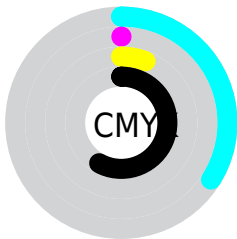
Blue (39%)



Red (27%)

Yellow (35%)

Blue (42%)

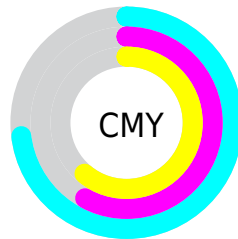


Cyan (34%)

Magenta (0%)

Yellow (6%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466A64 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 466A64 by changing the saturation by 10% instead.



466A64



466A64

FFFFFF



2E524C



789D97



173B35



92B8B1



002520



ADD4CD



000E09



C8F0E9



000000



E5FFFF



466A64



466A64



3B6A62



516A66



316A60



5B6A68

■ 266A5F

■ 666A69

■ 1C6A5D

■ 706A6B

■ 116A5B

■ 7B6A6D

■ 066A59

■ 866A6F

■ 006A58

■ 906A70

■ 9B6A72

■ A56A74

Harmonies

Analogous

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



516958



466A64



426970

Triad

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



466A64



676077



755F4F

Complementary

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



466A64



6A464C

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.



7B5C57



466A64



745C6E

Square

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



466A64



57647B



7B5B62



6B634C

Rectangle

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



466A64



466876



7B5B62



785E51

Sweetspot

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



466A64



7C8A87



4C6A46



3D4543



C4C4C4



454545

Same Dimension

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



466A64



518A80



465F6A



303635



007562



00F5CC

Inverse Universe

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



6A464C



8A515B



6A5246



363031



750014



F50029

Previews

White Background



This preview shows how the Hex color 466A64 looks on a white background.

Color Contrast Check

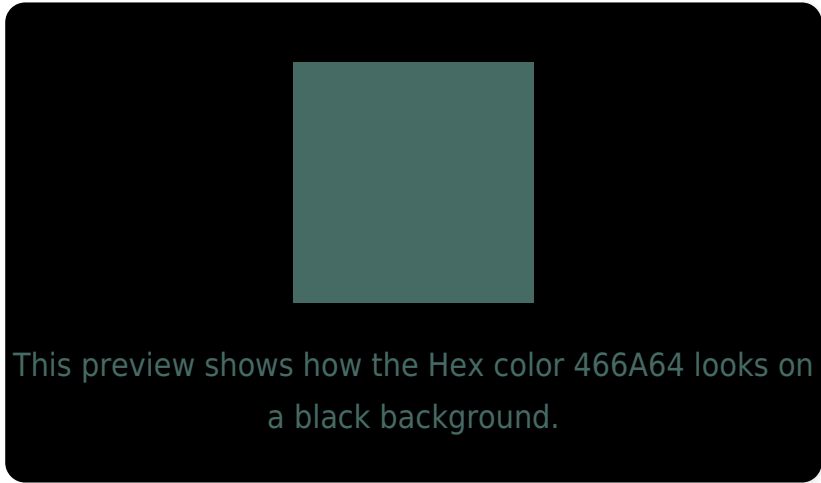
Large Text (above 18pt) WCAG AA ✓ Pass

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

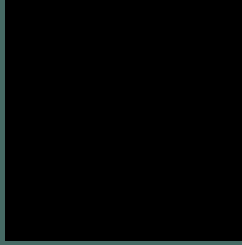
Any Text WCAG AA × Fail

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 466A64 Background



This preview shows how black text looks on a background with the Hex color 466A64.



This preview shows how white text looks on a background with the Hex color 466A64.

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
466A64

Protanopia
656260

Deuteranopia
6B6066



Tritanopia
496870

Trichromacy



Original Color

466A64

Protanomaly

5A6561

Deuteranomaly

5E6465

Tritanomaly

48696C

Monochromacy



Original Color

466A64

Achromatopsia

5F5F5F

Achromatomaly

566361

CSS Examples

Text

The CSS property to change the color of the text to Hex 466A64 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 #466A64 looks like.

```
.text, #text, p{  
    color:#466A64  
}
```

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 #466A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466A64
}
```

Border

The CSS property to change the border of an element to Hex 466A64 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
#466A64 }
```

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

```
.border{ border-color:#466A64 }
```

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

Here you see how a box with a 4 pixel #466A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466A64; -webkit-box-shadow:4px 4px  
4px 4px #466A64; box-shadow:4px 4px 4px  
4px #466A64 }
```

Background

The CSS property to change the background color of an element to Hex 466A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466A64 }
```

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

```
.background{ background-color:#466A64 }
```

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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