

Converting Colors

Hex(466686)

Have a look what the booklet for
Hex(466686) contains.

Hex(466686)	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(466686)

Conversions

Conversions Part 1

Format	Color
Hex	466686
RGB	70, 102, 134
RGB Percent	27%, 40%, 53%
CMY	0.7255, 0.6000, 0.4745
CMYK	0.48, 0.24, 0.00, 0.47
HSL	210°, 31%, 40%
HSV	210°, 48%, 53%
XYZ	11.5802, 12.5261, 24.3617
YIQ	96.0800, -29.3440, 3.1680

Conversions

Conversions Part 2

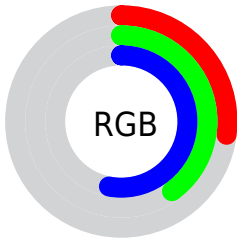
Format	Color
RYB	70, 91, 134
Decimal	4613766
CIELab	42.04, -2.30, -21.35
CIElCh	42, 21.471, 263.850
Yxy	12.5261, 0.2389, 0.2584
Android (android.graphics.Color)	4282803846 (0xFF466686)
YUV	96.0800, 18.6946, -22.8722
Hunter-Lab	35.3922, -3.5316, -16.0369

Details

The Hex color **466686** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **866646**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7A99BB**, and **103754** is the 20% darker color. If you saturate the color by 10%, you get **395F86**, and if you desaturate by 10%, it is **536D86**.

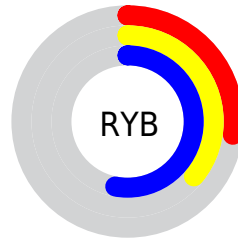
Distribution



Red (27%)

Green (40%)

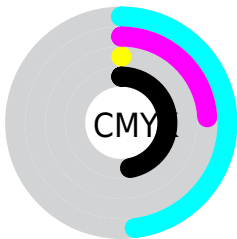
Blue (53%)



Red (27%)

Yellow (36%)

Blue (53%)

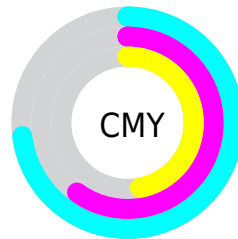


Cyan (48%)

Magenta (24%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (60%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466686 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 466686 by changing the saturation by 10% instead.

466686

466686

FFFFFF

2C4E6D

7A99BB

103754

94B4D7

00223D

B0CFF4

000C27

CCEBFF

000111

E8FFFF

000000

466686

466686

395F86

536D86

2B5986

617386

■ 1E5286

■ 6E7A86

■ 104B86

■ 7C8186

■ 034586

■ 898886

■ 004386

■ 968E86

■ A49586

■ B19C86

■ BFA286

Harmonies

Analogous

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



2E6A7F



466686



616083

Triad

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



466686



865756



4C6B4E

Complementary

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



466686



866646

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.



616642



466686



805B47

Square

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



466686



835668



736140



386D5F

Rectangle

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



466686



705C7D



736140



536949

Sweetspot

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



466686



95A1AD



468666



484F57



D6D6D6



575757

Same Dimension

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



466686



4B7CAD



464686



3C3F42



004182



000103

Inverse Universe

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



864666



AD4B7C



868646



423C3F



820041



030001

Previews

White Background



This preview shows how the Hex color 466686 looks on a white background.

Color Contrast Check

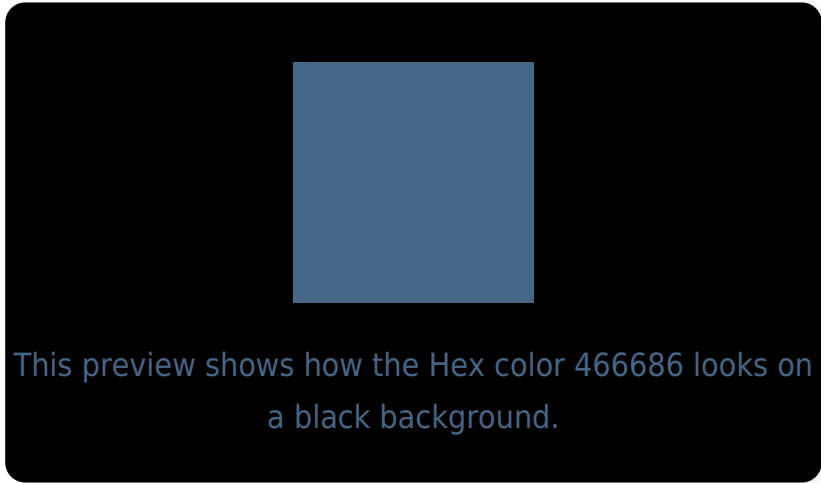
Large Text (above 18pt) WCAG AA ✓ Pass

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

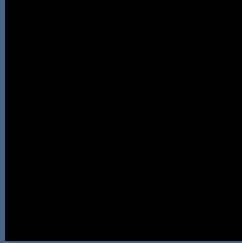
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

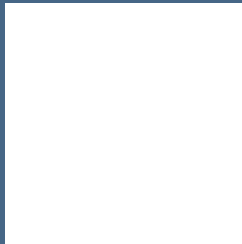
Any Text WCAG AAA × Fail

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

Hex 466686 Background



This preview shows how black text looks on a background with the Hex color 466686.

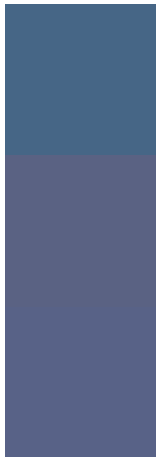


This preview shows how white text looks on a background with the Hex color 466686.

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
466686

Protanopia
5A6283

Deuteranopia
586287



Tritanopia
406A72

Trichromacy



Original Color
466686

Protanomaly
536384

Deuteranomaly
516387

Tritanomaly
426979

Monochromacy



Original Color
466686

Achromatopsia
606060

Achromatomaly
57626E

CSS Examples

Text

The CSS property to change the color of the text to Hex 466686 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 #466686 looks like.

```
.text, #text, p{  
    color:#466686  
}
```

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 #466686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466686
}
```

Border

The CSS property to change the border of an element to Hex 466686 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
#466686 }
```

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

```
.border{ border-color:#466686 }
```

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

Here you see how a box with a 4 pixel #466686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466686; -webkit-box-shadow:4px 4px  
4px 4px #466686; box-shadow:4px 4px 4px  
4px #466686 }
```

Background

The CSS property to change the background color of an element to Hex 466686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466686 }
```

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

```
.background{ background-color:#466686 }
```

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