

Converting Colors

Hex(486F9F)

Have a look what the booklet for
Hex(486F9F) contains.

Hex(486F9F)	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(486F9F)

Conversions

Conversions Part 1

Format	Color
Hex	486F9F
RGB	72, 111, 159
RGB Percent	28%, 44%, 62%
CMY	0.7176, 0.5647, 0.3765
CMYK	0.55, 0.30, 0.00, 0.38
HSL	213°, 38%, 45%
HSV	213°, 55%, 62%
XYZ	14.6149, 15.2498, 34.9741
YIQ	104.8110, -38.6520, 6.6600

Conversions

Conversions Part 2

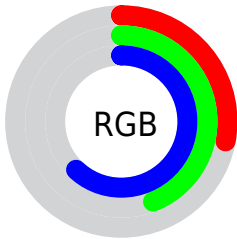
Format	Color
R_{YB}	72, 99, 159
Decimal	4747167
CIE _{Lab}	45.97, 0.74, -30.12
CIE _{LCh}	46, 30.127, 271.404
Yxy	15.2498, 0.2254, 0.2352
Android (android.graphics.Color)	4282937247 (0xFF486F9F)
YUV	104.8110, 26.7152, -28.7752
Hunter-Lab	39.0510, -1.5352, -25.7645

Details

The Hex color **486F9F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F7848**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7EA2D6**, and **06406B** is the 20% darker color. If you saturate the color by 10%, you get **38669F**, and if you desaturate by 10%, it is **58789F**.

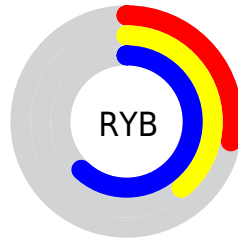
Distribution



Red (28%)

Green (44%)

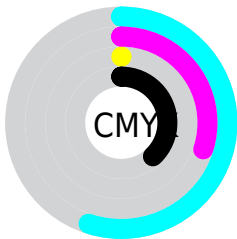
Blue (62%)



Red (28%)

Yellow (39%)

Blue (62%)

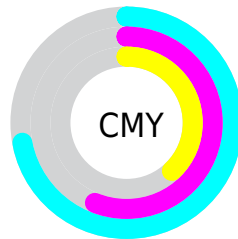


Cyan (55%)

Magenta (30%)

Yellow (0%)

Black (38%)



Cyan (72%)

Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486F9F 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 486F9F by changing the saturation by 10% instead.

■ 486F9F

■ 486F9F

FFFFFF

■ 2C5785

■ 7EA2D6

■ 06406B

■ 9ABDF2

■ 002A53

■ B6D9FF

■ 00163B

■ D2F6FF

■ 000225

■ EFFFFFF

■ 00010E

■ 000000

■ 486F9F

■ 486F9F

■ 38669F

■ 58789F

■ 285D9F

■ 68819F

■ 18559F

■ 78899F

■ 084C9F

■ 88929F

■ 00479F

■ 989B9F

■ A7A49F

■ B7AC9F

■ C7B59F

■ D7BE9F

Harmonies

Analogous

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



087699



486F9F



716698

Triad

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



486F9F



9C5B54



437854

Complementary

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



486F9F



9F7848

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.



627341



486F9F



906341

Square

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



486F9F



9C596D



7C6C3A



187A6D

Rectangle

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



486F9F



85608D



7C6C3A



4E774D

Sweetspot

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



486F9F



AEBCCF



489F78



555E69



E8E8E8



696969

Same Dimension

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



486F9F



4683CF



4C489F



474B4F



00408F



00070F

Inverse Universe

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



9F486F



CF4683



9B9F48



4F474B



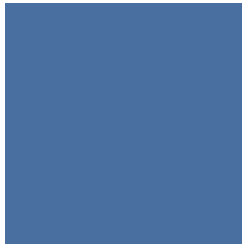
8F0040



0F0007

Previews

White Background



This preview shows how the Hex color 486F9F 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



This preview shows how the Hex color 486F9F looks on a 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 486F9F Background



This preview shows how black text looks on a background with the Hex color 486F9F.




This preview shows how white text looks on a background with the Hex color 486F9F.

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](#).

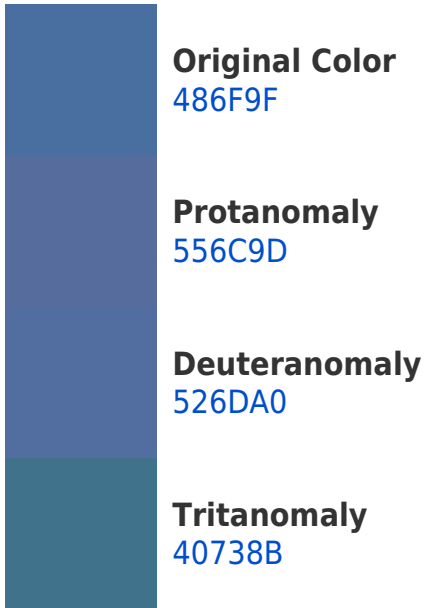
Dichromacy





Tritanopia
3C757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 486F9F 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 #486F9F looks like.

```
.text, #text, p{  
    color:#486F9F  
}
```

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 #486F9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486F9F
}
```

Border

The CSS property to change the border of an element to Hex 486F9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

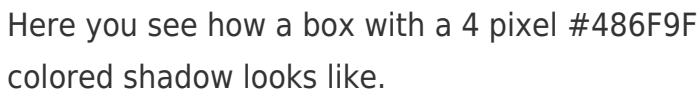
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#486F9F }
```

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

```
.border{ border-color:#486F9F }
```

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



Here you see how a box with a 4 pixel #486F9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486F9F; -webkit-box-shadow:4px 4px  
4px 4px #486F9F; box-shadow:4px 4px 4px  
4px #486F9F }
```

Background

The CSS property to change the background color of an element to Hex 486F9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486F9F }
```

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

```
.background{ background-color:#486F9F }
```

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