

# Converting Colors

Hex(486284)

Have a look what the booklet for  
Hex(486284) contains.

<b>Hex(486284)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(486284)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	486284
RGB	72, 98, 132
RGB Percent	28%, 38%, 52%
CMY	0.7176, 0.6157, 0.4824
CMYK	0.45, 0.26, 0.00, 0.48
HSL	214°, 29%, 40%
HSV	214°, 45%, 52%
XYZ	11.2050, 11.7790, 23.5128
YIQ	94.1020, -26.4100, 5.0620

# Conversions

## Conversions Part 2

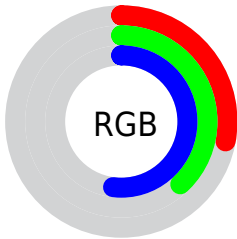
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 90, 132
Decimal	4743812
CIE <sub>Lab</sub>	40.86, 0.07, -21.95
CIE <sub>LCh</sub>	41, 21.951, 270.179
Yxy	11.7790, 0.2410, 0.2533
Android (android.graphics.Color)	4282933892 (0xFF486284)
YUV	94.1020, 18.6837, -19.3835
Hunter-Lab	34.3206, -1.7841, -16.5948

# Details

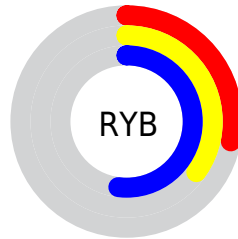
The Hex color **486284** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **846A48**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7B95B9**, and **143452** is the 20% darker color. If you saturate the color by 10%, you get **3B5B84**, and if you desaturate by 10%, it is **556984**.

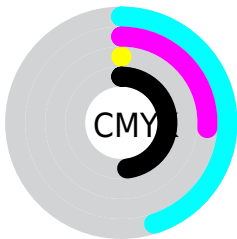
# Distribution



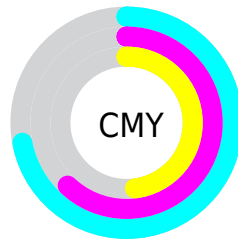
- Red (28%)
- Green (38%)
- Blue (52%)



- Red (28%)
- Yellow (35%)
- Blue (52%)



- Cyan (45%)
- Magenta (26%)
- Yellow (0%)
- Black (48%)



- Cyan (72%)
- Magenta (62%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 486284 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 486284 by changing the saturation by 10% instead.



■ 486284

■ 486284

FFFFFF

■ 2F4A6B

■ 7B95B9

■ 143452

■ 96AFD5

■ 001F3B

■ B1CAF1

■ 000526

■ CDE7FF

■ 00010E

■ EAFFFF

■ 000000

■ 486284

■ 486284

■ 3B5B84

■ 556984

■ 2E5384

■ 627184

■ 204C84

■ 707884

■ 134484

■ 7D8084

■ 063D84

■ 8A8784

■ 003984

■ 978F84

■ A49684

■ B29E84

■ BFA584

# Harmonies

## Analogous

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



2D677F



486284



635C7F

# Triad

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



486284



83544F



45684E

# Complementary

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



486284



846A48

# 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.



5A6541



486284



7B5942

# Square

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



486284



825361



6D5F3C



2F6A60

# Rectangle

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



486284



715878



6D5F3C



4C6749



# Sweetspot

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



486284



939DAB



48846A



484E57



D6D6D6



575757



# Same Dimension

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



486284



4D76AB



4C4884



3C3F42



003882



000103



# Inverse Universe

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



844862



AB4D76



808448



423C3F



820038

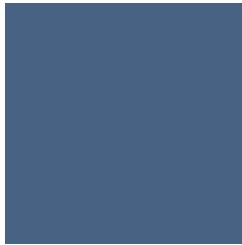


030001



# Previews

## White Background



This preview shows how the Hex color 486284 looks on a white background.

## Color Contrast Check

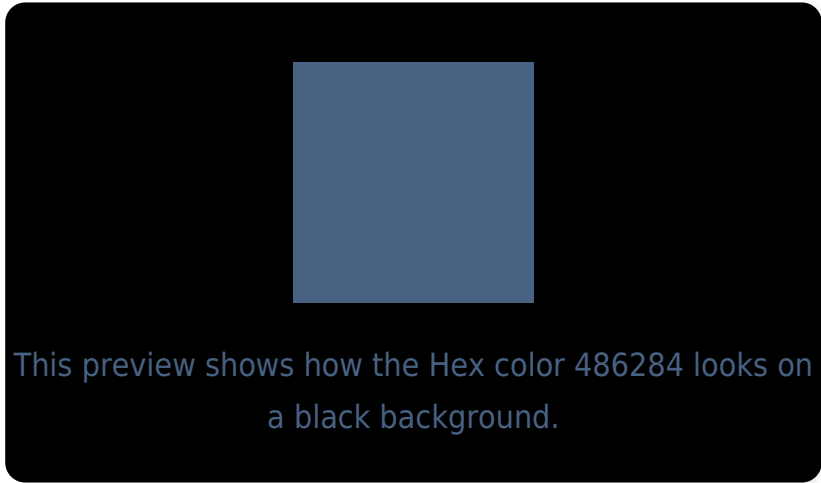
Large Text (above 18pt) WCAG AA ✓ Pass

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 486284 Background



This preview shows how black text looks on a background with the Hex color 486284.

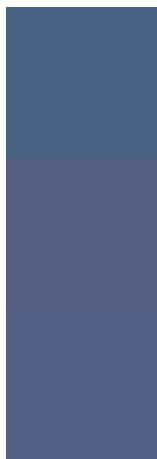


This preview shows how white text looks on a background with the Hex color 486284.

# 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**  
486284

**Protanopia**  
565F82

**Deuteranopia**  
545F85



**Tritanopia**  
42666E

# Trichromacy



**Original Color**  
486284

**Protanomaly**  
516083

**Deuteranomaly**  
506085

**Tritanomaly**  
446576

# Monochromacy



**Original Color**  
486284

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
565F6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 486284 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 #486284 looks like.

```
.text, #text, p{  
    color:#486284  
}
```

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 #486284 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486284
}
```

## Border

The CSS property to change the border of an element to Hex 486284 is called "border". The border property can be set on classes, ids or directly on the HTML element.

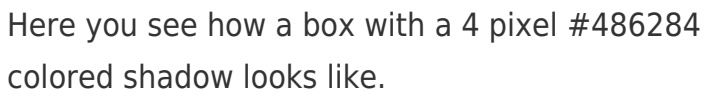
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#486284 }
```

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

```
.border{ border-color:#486284 }
```

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



Here you see how a box with a 4 pixel #486284 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486284; -webkit-box-shadow:4px 4px  
4px 4px #486284; box-shadow:4px 4px 4px  
4px #486284 }
```

# Background

The CSS property to change the background color of an element to Hex 486284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486284 }
```

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

```
.background{ background-color:#486284 }
```

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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