

# Converting Colors

Hex(486473)

Have a look what the booklet for  
Hex(486473) contains.

<b>Hex(486473)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(486473)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	486473
RGB	72, 100, 115
RGB Percent	28%, 39%, 45%
CMY	0.7176, 0.6078, 0.5490
CMYK	0.37, 0.13, 0.00, 0.55
HSL	201°, 23%, 37%
HSV	201°, 37%, 45%
XYZ	10.3242, 11.7299, 17.9396
YIQ	93.3380, -21.5030, -1.2710

# Conversions

## Conversions Part 2

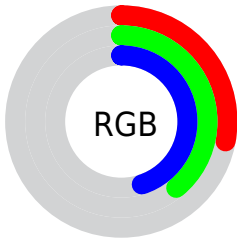
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 89, 115
Decimal	4744307
CIE <sub>Lab</sub>	40.78, -6.19, -11.74
CIE <sub>LCh</sub>	41, 13.272, 242.199
Yxy	11.7299, 0.2581, 0.2933
Android (android.graphics.Color)	4282934387 (0xFF486473)
YUV	93.3380, 10.6794, -18.7134
Hunter-Lab	34.2489, -6.1276, -7.0819

# Details

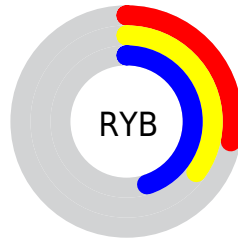
The Hex color **486473** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **735748**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7A97A7**, and **183543** is the 20% darker color. If you saturate the color by 10%, you get **3D6073**, and if you desaturate by 10%, it is **546873**.

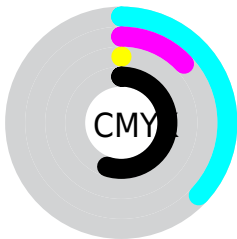
# Distribution



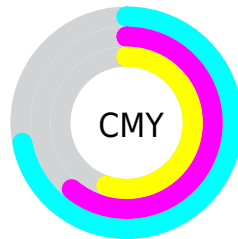
- Red (28%)
- Green (39%)
- Blue (45%)



- Red (28%)
- Yellow (35%)
- Blue (45%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (61%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 486473 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 486473 by changing the saturation by 10% instead.



■ 486473

■ 486473

FFFFFF

■ 304C5A

■ 7A97A7

■ 183543

■ 94B1C2

■ 00202D

■ AFCDDE

■ 000719

■ CBE9FB

■ 000000

■ E8FFFF

■ 486473

■ 486473

■ 3D6073

■ 546873

■ 315C73

■ 5F6C73

■ 255873

■ 6B7073

■ 1A5473

■ 767473

■ 0E5073

■ 827873

■ 034C73

■ 8D7C73

■ 004B73

■ 998073

■ A48473

■ B08873

# Harmonies

## Analogous

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



42666B



486473



556176

# Triad

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



486473



765860



5C634E

# Complementary

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



486473



735748

# 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.



68604B



486473



765955

# Square

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



486473



6F5A6A



715C4D



4F6556

# Rectangle

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



486473



5E5E74



715C4D



60624C



# Sweetspot

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



486473



869196



487356



43494D



CCCCCC



4D4D4D



# Same Dimension

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



486473



537F96



484F73



35393B



00507A



00A3FA



# Inverse Universe

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



734864



96537F



736C48



3B3539



7A0050



FA00A3



# Previews

## White Background



This preview shows how the Hex color 486473 looks on a white background.

## Color Contrast Check

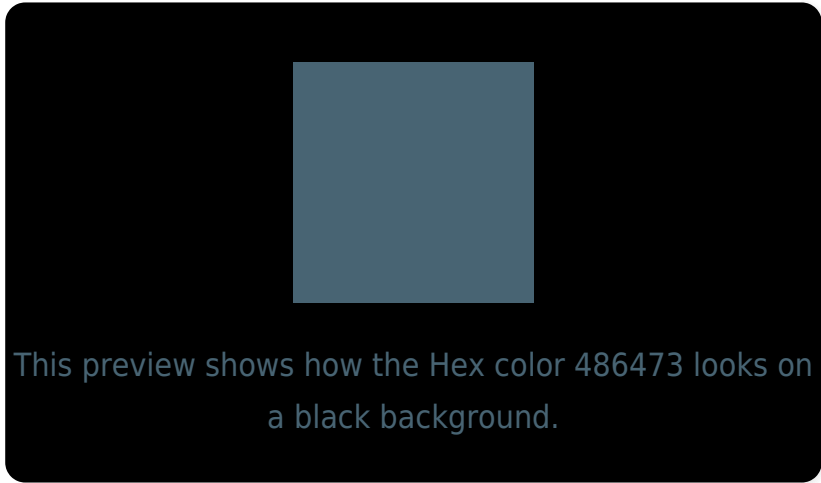
Large Text (above 18pt) WCAG AA ✓ Pass

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

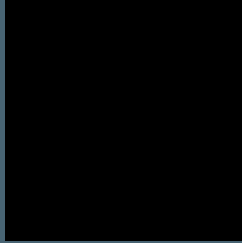
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

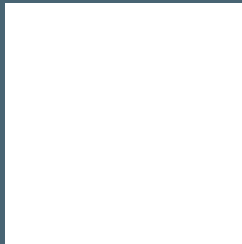
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 486473 Background



This preview shows how black text looks on a background with the Hex color 486473.




This preview shows how white text looks on a background with the Hex color 486473.

# 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](#).

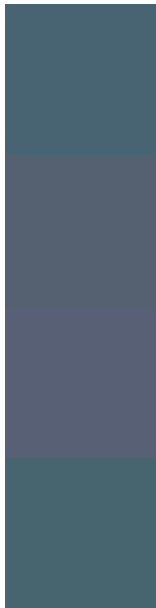
## Dichromacy





**Tritanopia**  
47656D

# Trichromacy



**Original Color**  
486473

**Protanomaly**  
556171

**Deuteranomaly**  
576074

**Tritanomaly**  
47656F

# Monochromacy



**Original Color**  
486473

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
556065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 486473 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 #486473 looks like.

```
.text, #text, p{  
    color:#486473  
}
```

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 #486473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486473  
}
```

## Border

The CSS property to change the border of an element to Hex 486473 is called "border". The border property can be set on classes, ids or directly on the HTML element.

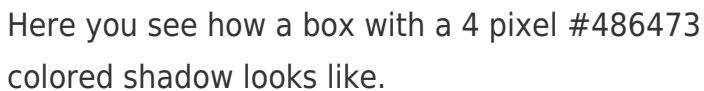
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#486473 }
```

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

```
.border{ border-color:#486473 }
```

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



Here you see how a box with a 4 pixel #486473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486473; -webkit-box-shadow:4px 4px  
4px 4px #486473; box-shadow:4px 4px 4px  
4px #486473 }
```

# Background

The CSS property to change the background color of an element to Hex 486473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486473 }
```

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

```
.background{ background-color:#486473 }
```

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