

# Converting Colors

Hex(486C5C)

Have a look what the booklet for  
Hex(486C5C) contains.

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# Color

Hex(486C5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	486C5C
RGB	72, 108, 92
RGB Percent	28%, 42%, 36%
CMY	0.7176, 0.5765, 0.6392
CMYK	0.33, 0.00, 0.15, 0.58
HSL	153°, 20%, 35%
HSV	153°, 33%, 42%
XYZ	9.9668, 12.8755, 12.0851
YIQ	95.4120, -16.3200, -12.6080

# Conversions

## Conversions Part 2

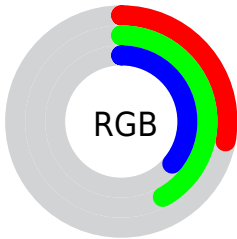
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 95, 108
Decimal	4746332
CIELab	42.58, -16.70, 4.88
CIElCh	43, 17.395, 163.721
Yxy	12.8755, 0.2854, 0.3686
Android (android.graphics.Color)	4282936412 (0xFF486C5C)
YUV	95.4120, -1.6821, -20.5323
Hunter-Lab	35.8825, -13.2138, 5.1490

# Details

The Hex color **486C5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C4858**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7AA08E**, and **1A3C2E** is the 20% darker color. If you saturate the color by 10%, you get **3D6C57**, and if you desaturate by 10%, it is **536C61**.

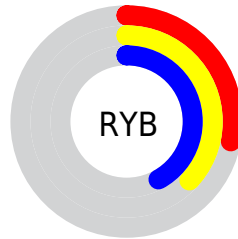
# Distribution



 Red (28%)

 Green (42%)

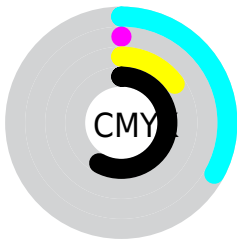
 Blue (36%)



 Red (28%)

 Yellow (37%)

 Blue (42%)

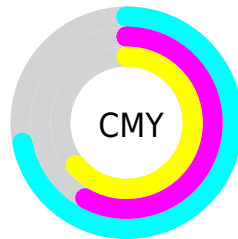


 Cyan (33%)

 Magenta (0%)

 Yellow (15%)

 Black (58%)



 Cyan (72%)

 Magenta (58%)

 Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 486C5C 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 486C5C by changing the saturation by 10% instead.



 486C5C

 486C5C

FFFFFF

 305444

 7AA08E

 1A3C2E

 94BBA9

 03261A

 AFD6C4

 001000

 CAF3E0

 000000

 E7FFFC

 486C5C

 486C5C

 3D6C57

 536C61

 326C52

 5E6C66

■ 286C4E

■ 686C6A

■ 1D6C49

■ 736C6F

■ 126C44

■ 7E6C74

■ 076C3F

■ 896C79

■ 006C3C

■ 946C7E

■ 9E6C82

■ A96C87

# Harmonies

## Analogous

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



586A4F



486C5C



3C6D6B

# Triad

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



486C5C



5C6480



7F5D51

# Complementary

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



486C5C



6C4858

# 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.



825A5E



486C5C



6F5F79

# Square

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



486C5C



486880



7C5B6D



766149

# Rectangle

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



486C5C



3A6C74



7C5B6D



815B55



# Sweetspot

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



486C5C



7E8C86



586C48



3F4744



C7C7C7



474747



# Same Dimension

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



486C5C



548C73



486A6C



303633



007541



00F588



# Inverse Universe

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



6C4858



8C546D



6C4A48



363033



750034



F5006D



# Previews

## White Background



This preview shows how the Hex color 486C5C looks on a white background.

## Color Contrast Check

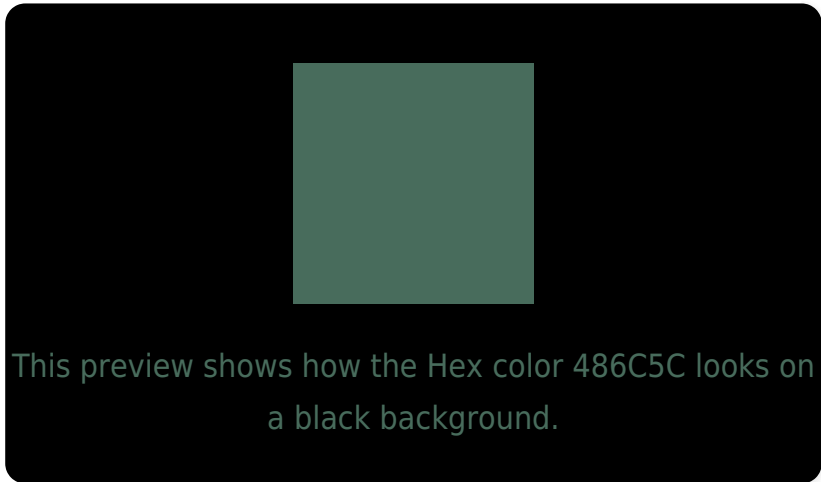
Large Text (above 18pt) WCAG AA ✓ Pass

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

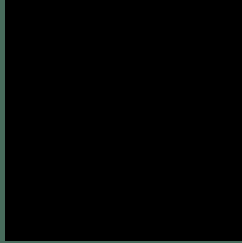
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 486C5C Background



This preview shows how black text looks on a background with the Hex color 486C5C.



This preview shows how white text looks on a background with the Hex color 486C5C.

# 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**  
486C5C

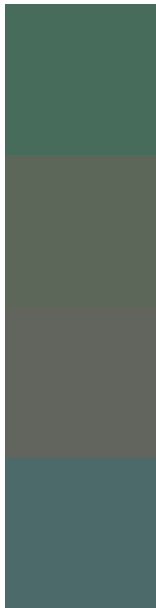
**Protanopia**  
696458

**Deuteranopia**  
70615E



**Tritanopia**  
4D6971

# Trichromacy



**Original Color**  
486C5C

**Protanomaly**  
5D6759

**Deuteranomaly**  
61655D

**Tritanomaly**  
4B6A69

# Monochromacy



**Original Color**  
486C5C

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
57645E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 486C5C 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 #486C5C looks like.

```
.text, #text, p{  
    color:#486C5C  
}
```

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 #486C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486C5C
}
```

## Border

The CSS property to change the border of an element to Hex 486C5C 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
#486C5C }
```

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

```
.border{ border-color:#486C5C }
```

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

Here you see how a box with a 4 pixel #486C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486C5C; -webkit-box-shadow:4px 4px  
4px 4px #486C5C; box-shadow:4px 4px 4px  
4px #486C5C }
```

# Background

The CSS property to change the background color of an element to Hex 486C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486C5C }
```

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

```
.background{ background-color:#486C5C }
```

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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