

Converting Colors

Hex(486B38)

Have a look what the booklet for
Hex(486B38) contains.

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Color

Hex(486B38)

Conversions

Conversions Part 1

Format	Color
Hex	486B38
RGB	72, 107, 56
RGB Percent	28%, 42%, 22%
CMY	0.7176, 0.5804, 0.7804
CMYK	0.33, 0.00, 0.48, 0.58
HSL	101°, 31%, 32%
HSV	101°, 48%, 42%
XYZ	8.6440, 12.1786, 5.6365
YIQ	90.7210, -4.4890, -23.2810

Conversions

Conversions Part 2

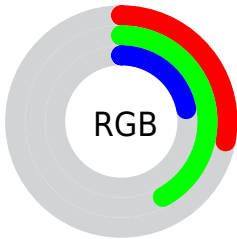
Format	Color
R _{YB}	56, 107, 91
Decimal	4746040
CIE Lab	41.50, -22.99, 24.60
CIE LCh	41, 33.667, 133.063
Yxy	12.1786, 0.3267, 0.4603
Android (android.graphics.Color)	4282936120 (0xFF486B38)
YUV	90.7210, -17.1175, -16.4183
Hunter-Lab	34.8979, -16.8580, 14.8524

Details

The Hex color **486B38** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B386B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7A9F68**, and **183B0B** is the 20% darker color. If you saturate the color by 10%, you get **416B2D**, and if you desaturate by 10%, it is **4F6B43**.

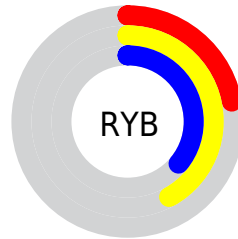
Distribution



Red (28%)

Green (42%)

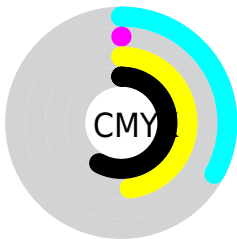
Blue (22%)



Red (22%)

Yellow (42%)

Blue (36%)

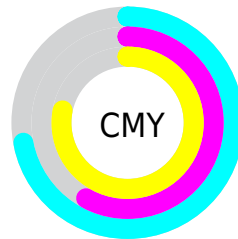


Cyan (33%)

Magenta (0%)

Yellow (48%)

Black (58%)



Cyan (72%)

Magenta (58%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486B38 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 486B38 by changing the saturation by 10% instead.



486B38



486B38

FFFFFF



305321



7A9F68



183B0B



94BA81



022500



B0D59C



000A00



CBF2B7



000000



E8FFD2



FFFFEF



486B38



486B38



416B2D



4F6B43

■ 396B23

■ 576B4D

■ 326B18

■ 5E6B58

■ 2B6B0D

■ 656B63

■ 236B03

■ 6D6B6E

■ 226B00

■ 746B78

■ 7B6B83

■ 836B8E

■ 8A6B98

Harmonies

Analogous

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



67642A



486B38



1C6F51

Triad

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



486B38



006996



964B57

Complementary

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



486B38



5B386B

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.



8D4D73



486B38



4A6198

Square

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



486B38



006E87



74568A



91513D

Rectangle

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



486B38



007064



74568A



954A60

Sweetspot

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



486B38



7F8C79



6B5B38



3F473B



C7C7C7



474747

Same Dimension

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



486B38



558C3C



386B41



323630



257500



4DF500

Inverse Universe

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



5B386B



733C8C



6B3862



343036



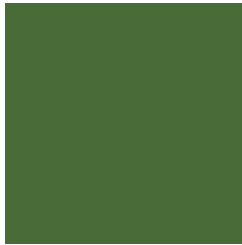
510075



A800F5

Previews

White Background



This preview shows how the Hex color 486B38 looks on a white background.

Color Contrast Check

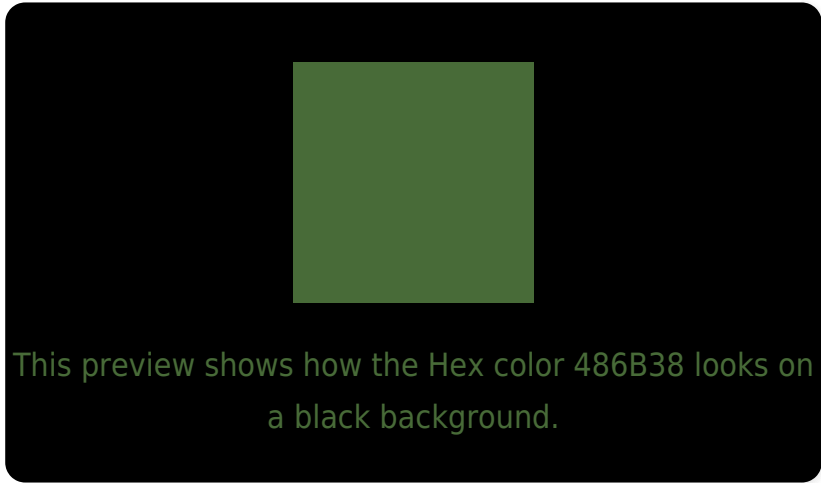
Large Text (above 18pt) WCAG AA ✓ Pass

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

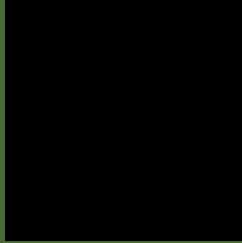
Any Text WCAG AA × Fail

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 486B38 Background



This preview shows how black text looks on a background with the Hex color 486B38.



This preview shows how white text looks on a background with the Hex color 486B38.

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](#).

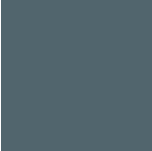
Dichromacy



Original Color
486B38

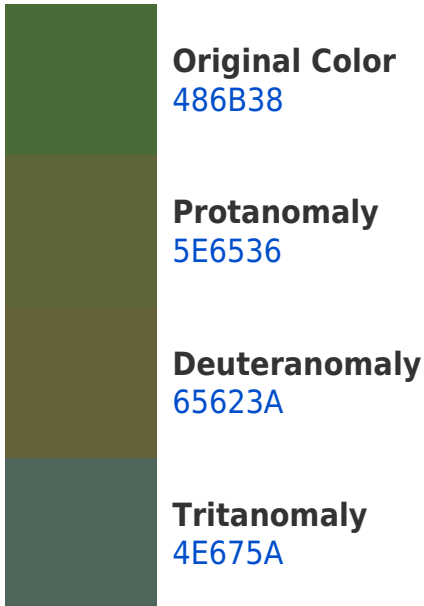
Protanopia
6B6235

Deuteranopia
765D3B

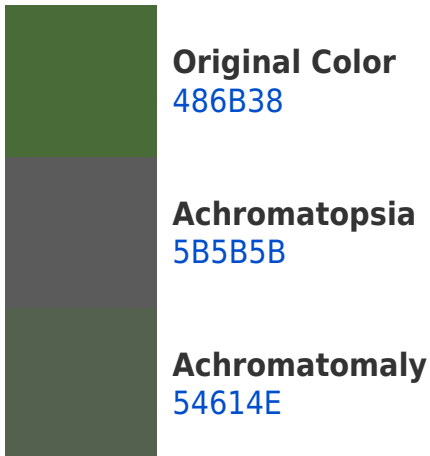


Tritanopia
51656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 486B38 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 #486B38 looks like.

```
.text, #text, p{  
    color:#486B38  
}
```

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 #486B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486B38
}
```

Border

The CSS property to change the border of an element to Hex 486B38 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
#486B38 }
```

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

```
.border{ border-color:#486B38 }
```

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

Here you see how a box with a 4 pixel #486B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486B38; -webkit-box-shadow:4px 4px  
4px 4px #486B38; box-shadow:4px 4px 4px  
4px #486B38 }
```

Background

The CSS property to change the background color of an element to Hex 486B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486B38 }
```

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

```
.background{ background-color:#486B38 }
```

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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