

Converting Colors

Hex(486100)

Have a look what the booklet for
Hex(486100) contains.

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Color

Hex(486100)

Conversions

Conversions Part 1

Format	Color
Hex	486100
RGB	72, 97, 0
RGB Percent	28%, 38%, 0%
CMY	0.7176, 0.6196, 1.0000
CMYK	0.26, 0.00, 1.00, 0.62
HSL	75°, 100%, 19%
HSV	75°, 100%, 38%
XYZ	6.9472, 9.9271, 1.5500
YIQ	78.4670, 16.2370, -35.4670

Conversions

Conversions Part 2

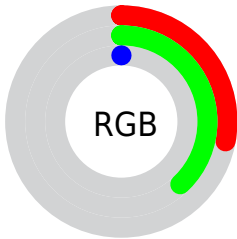
Format	Color
RYB	0, 97, 25
Decimal	4743424
CIELab	37.71, -22.46, 44.13
CIELCh	38, 49.520, 116.971
Yxy	9.9271, 0.3771, 0.5388
Android (android.graphics.Color)	4282933504 (0xFF486100)
YUV	78.4670, -38.6842, -5.6716
Hunter-Lab	31.5073, -15.7796, 19.1384

Details

The Hex color **486100** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **190061**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7C9439**, and **163200** is the 20% darker color. If you saturate the color by 10%, you get **486100**, and if you desaturate by 10%, it is **4B610A**.

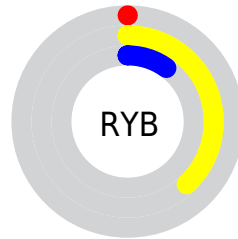
Distribution



Red (28%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (10%)

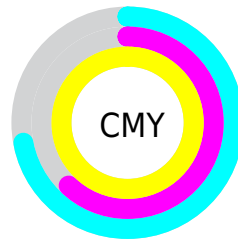


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (72%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486100 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 486100 by changing the saturation by 10% instead.

 486100

 486100

 FFFFF5

 304900

 7C9439

 163200

 97AE52

 001F00

 B2CA6C

 000000

 CFE686

 EBFFA1

 FFFFBC

 FFFFD9

 486100

 4B610A

 4D6113

 4F611D

 526127

 556131

 57613A

 5A6144

 5C614E

 5E6157

Harmonies

Analogous

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



6F5600



486100



00682A

Triad

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



486100



00679C



9D2E5F

Complementary

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



486100



190061

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.



853D85



486100



005FA9

Square

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



486100



006B7C



4F50A1



9E3437

Rectangle

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



486100



006A45



4F50A1



97316C

Sweetspot

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



486100



737D57



611800



3A4029



BFBFBF



404040

Same Dimension

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



486100



5D7D00



186100



2F302C



537000



B2F000

Inverse Universe

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



190061



20007D



490061



2D2C30



1D0070



3E00F0

Previews

White Background



This preview shows how the Hex color 486100 looks on a white background.

Color Contrast Check

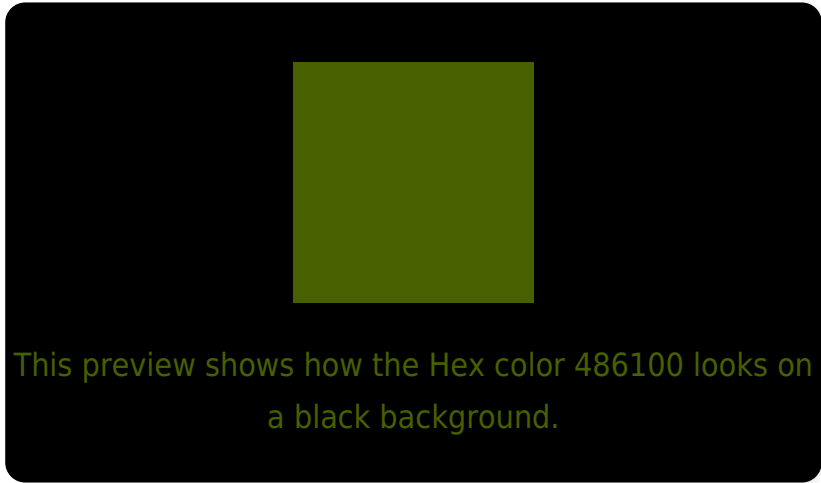
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

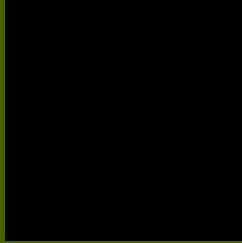
Any Text WCAG AA × Fail

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 486100 Background



This preview shows how black text looks on a background with the Hex color 486100.



This preview shows how white text looks on a background with the Hex color 486100.

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](#).

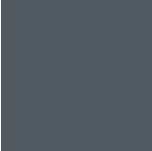
Dichromacy



Original Color
486100

Protanopia
645900

Deuteranopia
705412



Tritanopia
515A61

Trichromacy



Original Color
486100

Protanomaly
5A5C00

Deuteranomaly
61590B

Tritanomaly
4E5D3E

Monochromacy



Original Color
486100

Achromatopsia
4E4E4E

Achromatomaly
4C5532

CSS Examples

Text

The CSS property to change the color of the text to Hex 486100 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 #486100 looks like.

```
.text, #text, p{  
    color:#486100  
}
```

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 #486100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486100
}
```

Border

The CSS property to change the border of an element to Hex 486100 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
#486100 }
```

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

```
.border{ border-color:#486100 }
```

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

Here you see how a box with a 4 pixel #486100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486100; -webkit-box-shadow:4px 4px  
4px 4px #486100; box-shadow:4px 4px 4px  
4px #486100 }
```

Background

The CSS property to change the background color of an element to Hex 486100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486100 }
```

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

```
.background{ background-color:#486100 }
```

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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