

Converting Colors

Hex(486935)

Have a look what the booklet for
Hex(486935) contains.

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Color

Hex(486935)

Conversions

Conversions Part 1

Format	Color
Hex	486935
RGB	72, 105, 53
RGB Percent	28%, 41%, 21%
CMY	0.7176, 0.5882, 0.7922
CMYK	0.31, 0.00, 0.50, 0.59
HSL	98°, 33%, 31%
HSV	98°, 50%, 41%
XYZ	8.3667, 11.7379, 5.1928
YIQ	89.2050, -2.9760, -23.1680

Conversions

Conversions Part 2

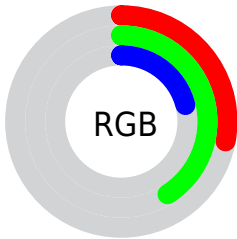
Format	Color
RYB	53, 105, 86
Decimal	4745525
CIELab	40.80, -22.39, 25.40
CIELCh	41, 33.858, 131.403
Yxy	11.7379, 0.3307, 0.4640
Android (android.graphics.Color)	4282935605 (0xFF486935)
YUV	89.2050, -17.8491, -15.0888
Hunter-Lab	34.2606, -16.3653, 14.9959

Details

The Hex color **486935** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **563569**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7A9C65**, and **193908** is the 20% darker color. If you saturate the color by 10%, you get **41692B**, and if you desaturate by 10%, it is **4F6940**.

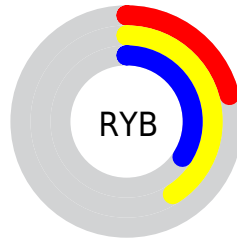
Distribution



Red (28%)

Green (41%)

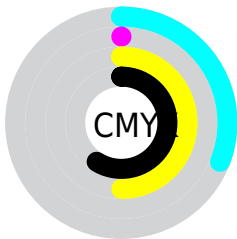
Blue (21%)



Red (21%)

Yellow (41%)

Blue (34%)

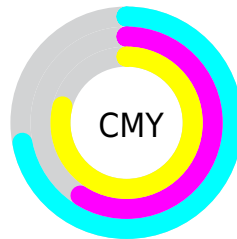


Cyan (31%)

Magenta (0%)

Yellow (50%)

Black (59%)



Cyan (72%)

Magenta (59%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486935 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 486935 by changing the saturation by 10% instead.

 486935

 486935


FFFFFF

 30511F

 7A9C65

 193908

 94B77E

 002400

 AFD398

 000500

 CBF0B3

 000000

 E8FFCF

 FFFFEB

 486935

 486935

 41692B

 4F6940

■ 3B6920

■ 55694A

■ 346916

■ 5C6955

■ 2D690B

■ 63695F

■ 276901

■ 69696A

■ 266900

■ 706974

■ 77697F

■ 7D6989

■ 846994

Harmonies

Analogous

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



666228



486935



1C6D4E

Triad

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



486935



006894



944957

Complementary

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



486935



563569

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.



8A4B73



486935



446096

Square

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



486935



006D84



70558A



8F4F3D

Rectangle

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



486935



006E61



70558A



934960

Sweetspot

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



486935



7D8A75



695635



3D4538



C4C4C4



454545

Same Dimension

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



486935



568A38



35693C



323630



2B7500



59F500

Inverse Universe

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



563569



6C388A



693562



343036



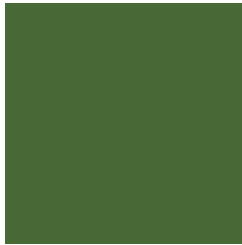
4A0075



9B00F5

Previews

White Background



This preview shows how the Hex color 486935 looks on a white background.

Color Contrast Check

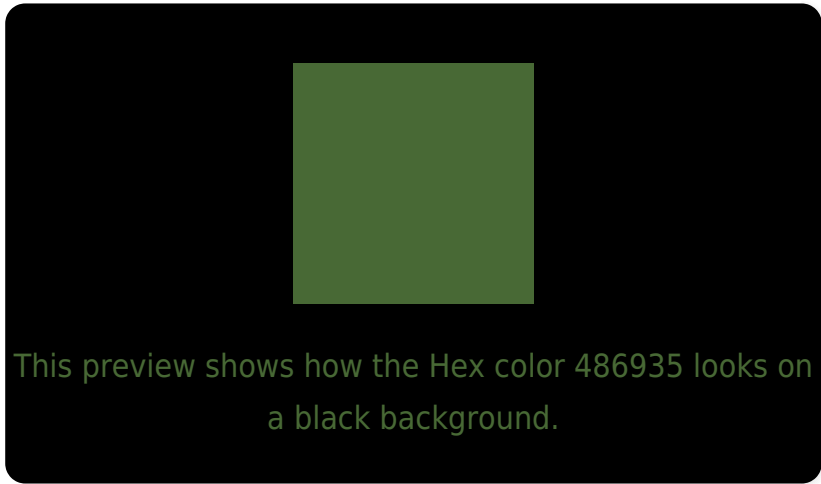
Large Text (above 18pt) WCAG AA ✓ Pass

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

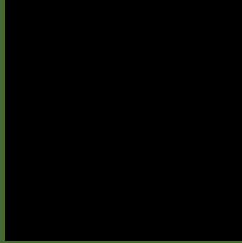
Any Text WCAG AA × Fail

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 486935 Background



This preview shows how black text looks on a background with the Hex color 486935.



This preview shows how white text looks on a background with the Hex color 486935.

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
486935

Protanopia
6A6032

Deuteranopia
755B38



Tritanopia
50636B

Trichromacy



Original Color
486935

Protanomaly
5E6333

Deuteranomaly
656037

Tritanomaly
4D6557

Monochromacy



Original Color
486935

Achromatopsia
595959

Achromatomaly
535F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 486935 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 #486935 looks like.

```
.text, #text, p{  
    color:#486935  
}
```

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 #486935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486935
}
```

Border

The CSS property to change the border of an element to Hex 486935 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".

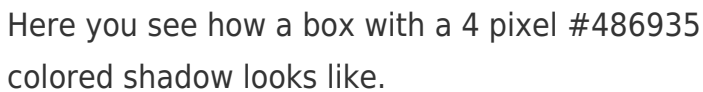
```
.border, #border, table{ border:4px solid
#486935 }
```

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

```
.border{ border-color:#486935 }
```

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

Here you see how a box with a 4 pixel #486935 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486935; -webkit-box-shadow:4px 4px  
4px 4px #486935; box-shadow:4px 4px 4px  
4px #486935 }
```

Background

The CSS property to change the background color of an element to Hex 486935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486935 }
```

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

```
.background{ background-color:#486935 }
```

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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