

Converting Colors

Hex(486333)

Have a look what the booklet for
Hex(486333) contains.

Hex(486333)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(486333)

Conversions

Conversions Part 1

Format	Color
Hex	486333
RGB	72, 99, 51
RGB Percent	28%, 39%, 20%
CMY	0.7176, 0.6118, 0.8000
CMYK	0.27, 0.00, 0.48, 0.61
HSL	94°, 32%, 29%
HSV	94°, 48%, 39%
XYZ	7.7319, 10.5404, 4.7590
YIQ	85.4550, -0.6840, -20.6520

Conversions

Conversions Part 2

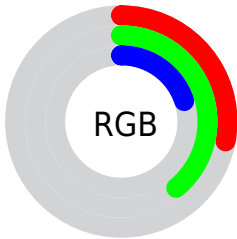
Format	Color
RYB	51, 99, 78
Decimal	4743987
CIELab	38.80, -19.54, 24.02
CIELCh	39, 30.968, 129.123
Yxy	10.5404, 0.3357, 0.4577
Android (android.graphics.Color)	4282934067 (0xFF486333)
YUV	85.4550, -16.9863, -11.8000
Hunter-Lab	32.4660, -14.3052, 14.0353

Details

The Hex color **486333** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4E3363**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7A9662**, and **1A3405** is the 20% darker color. If you saturate the color by 10%, you get **426329**, and if you desaturate by 10%, it is **4E633D**.

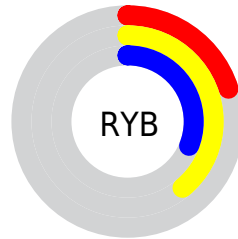
Distribution



Red (28%)

Green (39%)

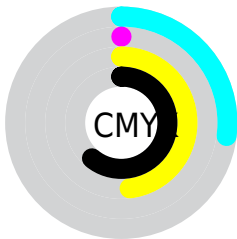
Blue (20%)



Red (20%)

Yellow (39%)

Blue (31%)

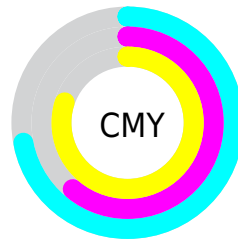


Cyan (27%)

Magenta (0%)

Yellow (48%)

Black (61%)



Cyan (72%)

Magenta (61%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486333 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 486333 by changing the saturation by 10% instead.

 486333

 486333

FFFFFF

 304B1D

 7A9662

 1A3405

 94B17C

 001F00

 AFCC96

 000000

 CBE8B0

 E7FFCC

 FFFFE8

 486333

 486333

 426329

 4E633D

■ 3D631F

■ 536347

■ 376315

■ 596351

■ 32630B

■ 5E635B

■ 2C6302

■ 646365

■ 2B6300

■ 69636E

■ 6F6378

■ 756382

■ 7A638C

Harmonies

Analogous

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



635C28



486333



246749

Triad

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



486333



00638A



8B4655

Complementary

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



486333



4E3363

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.



80496E



486333



405B8D

Square

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



486333



00677A



685282



874B3D

Rectangle

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



486333



00685A



685282



89465D

Sweetspot

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



486333



75806C



634D33



394034



BFBFBF



404040

Same Dimension

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



486333



568036



336335



2E302C



317000



69F000

Inverse Universe

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



4E3363



5F3680



633361



2E2C30



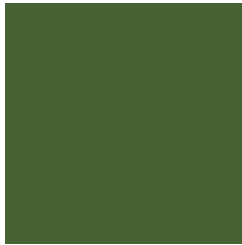
3F0070



8700F0

Previews

White Background



This preview shows how the Hex color 486333 looks on a white background.

Color Contrast Check

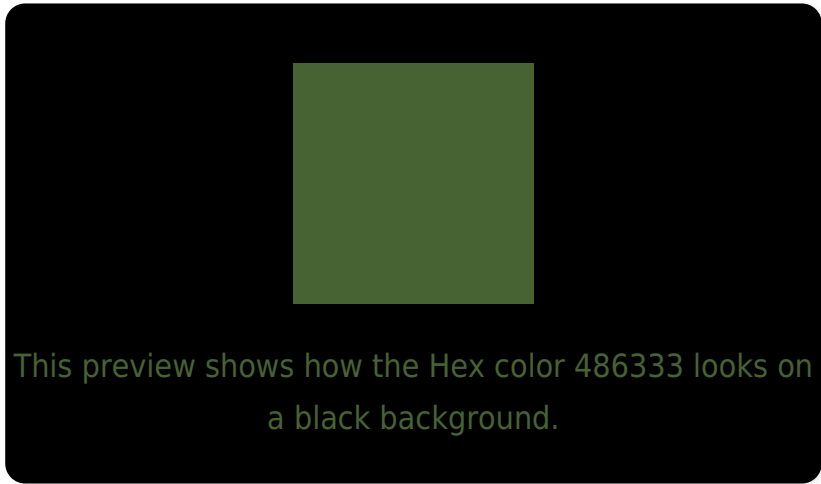
Large Text (above 18pt) WCAG AA ✓ Pass

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

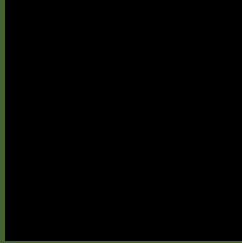
Any Text WCAG AA × Fail

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 486333 Background



This preview shows how black text looks on a background with the Hex color 486333.



This preview shows how white text looks on a background with the Hex color 486333.

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](#).

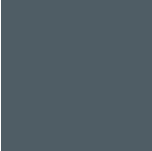
Dichromacy



Original Color
486333

Protanopia
645B30

Deuteranopia
6F5736



Tritanopia
4F5D65

Trichromacy



Original Color
486333

Protanomaly
5A5E31

Deuteranomaly
615B35

Tritanomaly
4C5F53

Monochromacy



Original Color
486333

Achromatopsia
555555

Achromatomaly
505A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 486333 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 #486333 looks like.

```
.text, #text, p{  
    color:#486333  
}
```

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 #486333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486333  
}
```

Border

The CSS property to change the border of an element to Hex 486333 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  
#486333 }
```

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

```
.border{ border-color:#486333 }
```

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

Here you see how a box with a 4 pixel #486333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486333; -webkit-box-shadow:4px 4px  
4px 4px #486333; box-shadow:4px 4px 4px  
4px #486333 }
```

Background

The CSS property to change the background color of an element to Hex 486333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486333 }
```

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

```
.background{ background-color:#486333 }
```

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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