

Converting Colors

Hex(486233)

Have a look what the booklet for
Hex(486233) contains.

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Color

Hex(486233)

Conversions

Conversions Part 1

Format	Color
Hex	486233
RGB	72, 98, 51
RGB Percent	28%, 38%, 20%
CMY	0.7176, 0.6157, 0.8000
CMYK	0.27, 0.00, 0.48, 0.62
HSL	93°, 32%, 29%
HSV	93°, 48%, 38%
XYZ	7.6377, 10.3521, 4.7276
YIQ	84.8680, -0.4090, -20.1290

Conversions

Conversions Part 2

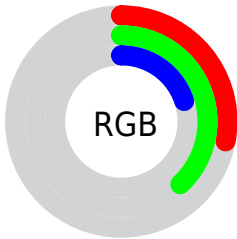
Format	Color
RYB	51, 98, 77
Decimal	4743731
CIELab	38.47, -19.01, 23.61
CIElCh	38, 30.314, 128.833
Yxy	10.3521, 0.3362, 0.4557
Android (android.graphics.Color)	4282933811 (0xFF486233)
YUV	84.8680, -16.6969, -11.2852
Hunter-Lab	32.1747, -13.9329, 13.8105

Details

The Hex color **486233** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D3362**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7A9562**, and **1A3305** is the 20% darker color. If you saturate the color by 10%, you get **436229**, and if you desaturate by 10%, it is **4D623D**.

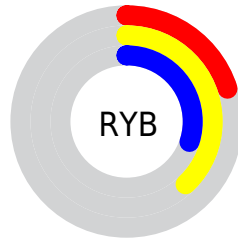
Distribution



Red (28%)

Green (38%)

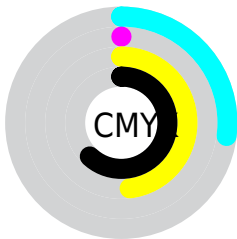
Blue (20%)



Red (20%)

Yellow (38%)

Blue (30%)

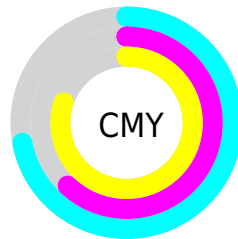


Cyan (27%)

Magenta (0%)

Yellow (48%)

Black (62%)



Cyan (72%)

Magenta (62%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486233 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 486233 by changing the saturation by 10% instead.



486233



486233

FFFFFF



304A1D



7A9562



1A3305



94B07C



001F00



AFCB96



000000



CAE7B0



E7FFCC



FFFFE8



486233



486233



436229



4D623D

 3D621F

 536247

 386216

 586250

 32620C

 5E625A

 2D6202

 636264

 2C6200

 69626E

 6E6278

 736281

 79628B

Harmonies

Analogous

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



625C28



486233



266648

Triad

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



486233



006288



894654

Complementary

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



486233



4D3362

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.



7F496D



486233



3F5B8B

Square

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



486233



006679



665181



864B3D

Rectangle

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



486233



006759



665181



87465D

Sweetspot

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



486233



76806E



624D33



3A4035



BFBFBF



404040

Same Dimension

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



486233



578036



336235



2E302C



327000



6BF000

Inverse Universe

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



4D3362



5E3680



623360



2E2C30



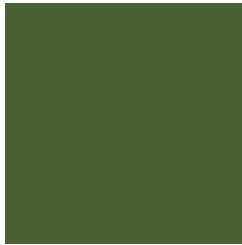
3E0070



8500F0

Previews

White Background



This preview shows how the Hex color 486233 looks on a white background.

Color Contrast Check

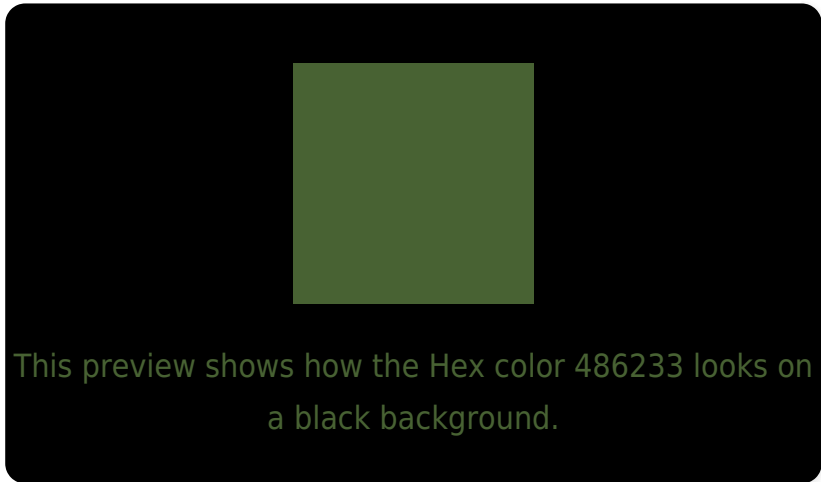
Large Text (above 18pt) WCAG AA ✓ Pass

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

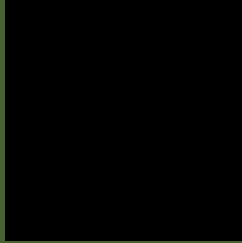
Any Text WCAG AA × Fail

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 486233 Background



This preview shows how black text looks on a background with the Hex color 486233.



This preview shows how white text looks on a background with the Hex color 486233.

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
486233

Protanopia
645A30

Deuteranopia
6E5636



Tritanopia
4F5D64

Trichromacy



Original Color
486233

Protanomaly
5A5D31

Deuteranomaly
605A35

Tritanomaly
4C5F52

Monochromacy



Original Color
486233

Achromatopsia
555555

Achromatomaly
505A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 486233 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 #486233 looks like.

```
.text, #text, p{  
    color:#486233  
}
```

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 #486233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486233  
}
```

Border

The CSS property to change the border of an element to Hex 486233 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  
#486233 }
```

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

```
.border{ border-color:#486233 }
```

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

Here you see how a box with a 4 pixel #486233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486233; -webkit-box-shadow:4px 4px  
4px 4px #486233; box-shadow:4px 4px 4px  
4px #486233 }
```

Background

The CSS property to change the background color of an element to Hex 486233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486233 }
```

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

```
.background{ background-color:#486233 }
```

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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