

Converting Colors

Hex(466001)

Have a look what the booklet for
Hex(466001) contains.

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Color

Hex(466001)

Conversions

Conversions Part 1

Format	Color
Hex	466001
RGB	70, 96, 1
RGB Percent	27%, 38%, 0%
CMY	0.7255, 0.6235, 0.9961
CMYK	0.27, 0.00, 0.99, 0.62
HSL	76°, 98%, 19%
HSV	76°, 99%, 38%
XYZ	6.7141, 9.6700, 1.5413
YIQ	77.3960, 14.9990, -35.0570

Conversions

Conversions Part 2

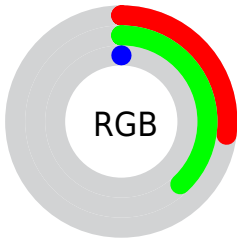
Format	Color
R_{YB}	1, 96, 27
Decimal	4612097
CIE Lab	37.24, -22.81, 43.42
CIE LCh	37, 49.044, 117.713
Yxy	9.6700, 0.3746, 0.5395
Android (android.graphics.Color)	4282802177 (0xFF466001)
YUV	77.3960, -37.6632, -6.4863
Hunter-Lab	31.0967, -15.8789, 18.8289

Details

The Hex color **466001** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1B0160**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7A9339**, and **143100** is the 20% darker color. If you saturate the color by 10%, you get **466000**, and if you desaturate by 10%, it is **49600B**.

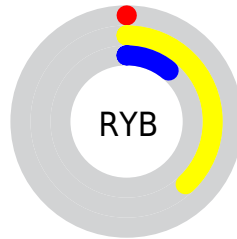
Distribution



Red (27%)

Green (38%)

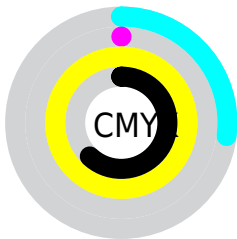
Blue (0%)



Red (0%)

Yellow (38%)

Blue (11%)

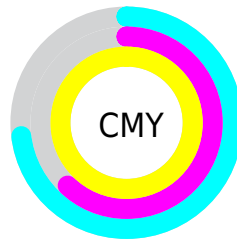


Cyan (27%)

Magenta (0%)

Yellow (99%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466001 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 466001 by changing the saturation by 10% instead.

 466001

 466001

 FFFFFFF6

 2E4800

 7A9339

 143100

 95AD52

 001E00

 B0C96C

 000000

 CCE586

 E9FFA1

 FFFFBD

 FFFFD9

 466001

 466001

■ 466000

■ 49600B

■ 4B6014

■ 4E601E

■ 516027

■ 536031

■ 56603B

■ 586044

■ 5B604E

■ 5E6057

Harmonies

Analogous

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



6D5500



466001



00662B

Triad

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



466001



00669A



9B2E5C

Complementary

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



466001



1B0160

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.



843B82



466001



005DA7

Square

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



466001



00697B



504E9E



9B3335

Rectangle

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



466001



006945



504E9E



96306A

Sweetspot

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



466001



737D57



601A01



394029



BFBFBF



404040

Same Dimension

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



466001



5B7D00



176001



2F302C



517000



AEF000

Inverse Universe

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



1B0160



22007D



4A0160



2D2C30



1F0070



4200F0

Previews

White Background



This preview shows how the Hex color 466001 looks on a white background.

Color Contrast Check

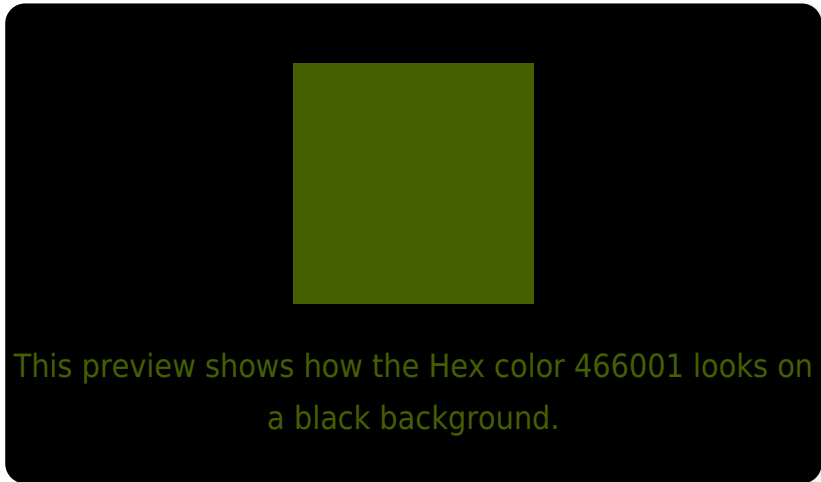
Large Text (above 18pt) WCAG AA ✓ Pass

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

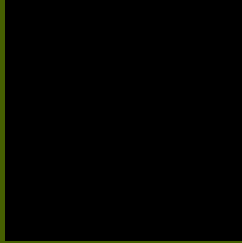
Any Text WCAG AA × Fail

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 466001 Background



This preview shows how black text looks on a background with the Hex color 466001.



This preview shows how white text looks on a background with the Hex color 466001.

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



Trichromacy



Original Color
466001

Deuteranomaly
5F580C

Tritanomaly
4C5C3D

Monochromacy



Original Color
466001

Achromatopsia
4D4D4D

Achromatomaly
4A5431

CSS Examples

Text

The CSS property to change the color of the text to Hex 466001 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 #466001 looks like.

```
.text, #text, p{  
    color:#466001  
}
```

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 #466001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466001
}
```

Border

The CSS property to change the border of an element to Hex 466001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

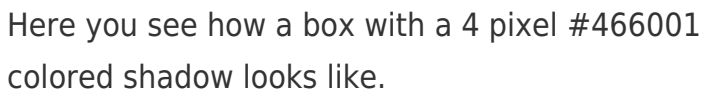
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#466001 }
```

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

```
.border{ border-color:#466001 }
```

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



Here you see how a box with a 4 pixel #466001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466001; -webkit-box-shadow:4px 4px  
4px 4px #466001; box-shadow:4px 4px 4px  
4px #466001 }
```

Background

The CSS property to change the background color of an element to Hex 466001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466001 }
```

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

```
.background{ background-color:#466001 }
```

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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