

Converting Colors

Hex(446B46)

Have a look what the booklet for
Hex(446B46) contains.

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Color

Hex(446B46)

Conversions

Conversions Part 1

Format	Color
Hex	446B46
RGB	68, 107, 70
RGB Percent	27%, 42%, 27%
CMY	0.7333, 0.5804, 0.7255
CMYK	0.36, 0.00, 0.35, 0.58
HSL	123°, 22%, 34%
HSV	123°, 36%, 42%
XYZ	8.7471, 12.1865, 7.6856
YIQ	91.1210, -11.3670, -19.7750

Conversions

Conversions Part 2

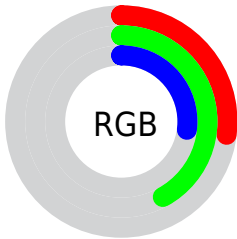
Format	Color
R _Y B	68, 105, 107
Decimal	4483910
CIE Lab	41.51, -22.15, 16.50
CIE LCh	42, 27.622, 143.314
Yxy	12.1865, 0.3056, 0.4258
Android (android.graphics.Color)	4282673990 (0xFF446B46)
YUV	91.1210, -10.4127, -20.2771
Hunter-Lab	34.9092, -16.3650, 11.3832

Details

The Hex color **446B46** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B4469**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **769F77**, and **153B1A** is the 20% darker color. If you saturate the color by 10%, you get **396B3C**, and if you desaturate by 10%, it is **4F6B50**.

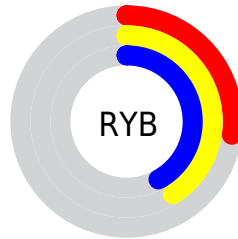
Distribution



Red (27%)

Green (42%)

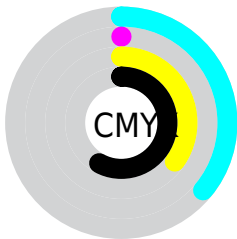
Blue (27%)



Red (27%)

Yellow (41%)

Blue (42%)

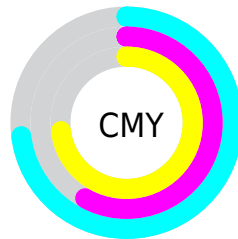


Cyan (36%)

Magenta (0%)

Yellow (35%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446B46 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 446B46 by changing the saturation by 10% instead.



446B46



446B46

FFFFFF



2C532F



769F77



153B1A



90BA90



002500



ABD5AB



000A00



C6F2C6



000000



E3FFE2



446B46



446B46



396B3C



4F6B50



2F6B32



596B5A

 246B28

 646B64

 196B1D

 6F6B6F

 0E6B13

 7A6B79

 046B09

 846B83

 006B05

 8F6B8D

 9A6B97

 A46BA1

Harmonies

Analogous

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



5F6637



446B46



236E5C

Triad

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



446B46



35668F



8E5151

Complementary

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



446B46



6B4469

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.



8A5068



446B46



5D5E8C

Square

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



446B46



006B86



7A567D



86573E

Rectangle

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



446B46



006E6C



7A567D



8E5059

Sweetspot

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



446B46



7D8C7E



696B44



3E473F



C7C7C7



474747

Same Dimension

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



446B46



4F8C52



446B59



303630



007506



00F50D

Inverse Universe

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



6B4469



8C4F89



6B4456



363035



75006F



F500E8

Previews

White Background



This preview shows how the Hex color 446B46 looks on a white background.

Color Contrast Check

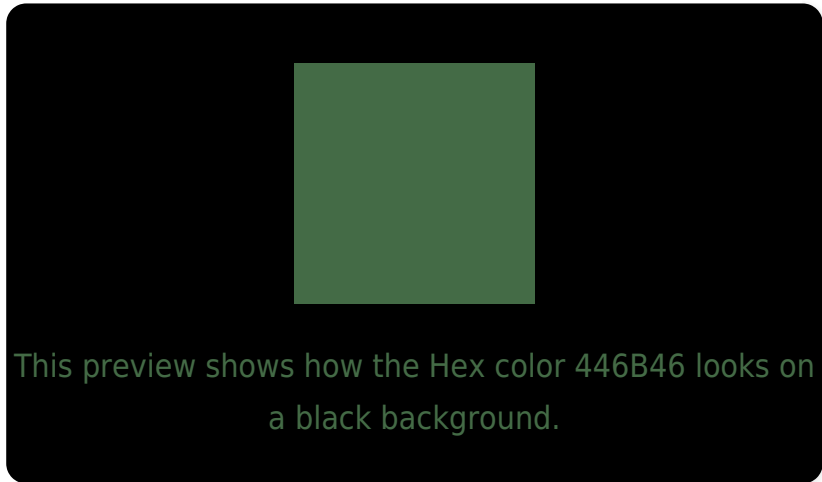
Large Text (above 18pt) WCAG AA ✓ Pass

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

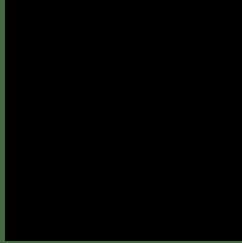
Any Text WCAG AA × Fail

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 446B46 Background



This preview shows how black text looks on a background with the Hex color 446B46.



This preview shows how white text looks on a background with the Hex color 446B46.

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
446B46

Protanopia
6A6242

Deuteranopia
735E49



Tritanopia
4C666E

Trichromacy



Original Color
446B46

Protanomaly
5C6543

Deuteranomaly
626348

Tritanomaly
49685F

Monochromacy



Original Color
446B46

Achromatopsia
5B5B5B

Achromatomaly
536153

CSS Examples

Text

The CSS property to change the color of the text to Hex 446B46 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 #446B46 looks like.

```
.text, #text, p{  
    color:#446B46  
}
```

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 #446B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446B46
}
```

Border

The CSS property to change the border of an element to Hex 446B46 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
#446B46 }
```

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

```
.border{ border-color:#446B46 }
```

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

Here you see how a box with a 4 pixel #446B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446B46; -webkit-box-shadow:4px 4px  
4px 4px #446B46; box-shadow:4px 4px 4px  
4px #446B46 }
```

Background

The CSS property to change the background color of an element to Hex 446B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446B46 }
```

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

```
.background{ background-color:#446B46 }
```

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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