

Converting Colors

Hex(446C20)

Have a look what the booklet for
Hex(446C20) contains.

Hex(446C20)	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(446C20)

Conversions

Conversions Part 1

Format	Color
Hex	446C20
RGB	68, 108, 32
RGB Percent	27%, 42%, 13%
CMY	0.7333, 0.5765, 0.8745
CMYK	0.37, 0.00, 0.70, 0.58
HSL	92°, 54%, 27%
HSV	92°, 70%, 42%
XYZ	8.0072, 12.0584, 3.2720
YIQ	87.3760, 0.5560, -32.1160

Conversions

Conversions Part 2

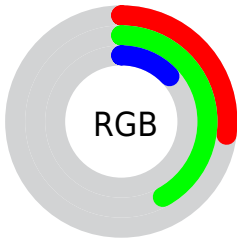
Format	Color
RYB	32, 108, 72
Decimal	4484128
CIELab	41.31, -27.83, 36.63
CIELCh	41, 46.003, 127.229
Yxy	12.0584, 0.3431, 0.5167
Android (android.graphics.Color)	4282674208 (0xFF446C20)
YUV	87.3760, -27.3004, -16.9928
Hunter-Lab	34.7251, -19.6092, 18.7210

Details

The Hex color **446C20** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **48206C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **77A051**, and **143C00** is the 20% darker color. If you saturate the color by 10%, you get **3E6C15**, and if you desaturate by 10%, it is **4A6C2B**.

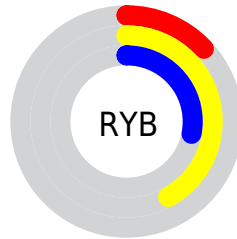
Distribution



 Red (27%)

 Green (42%)

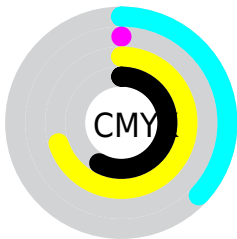
 Blue (13%)



 Red (13%)

 Yellow (42%)

 Blue (28%)

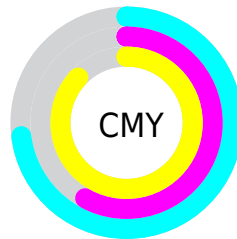


 Cyan (37%)

 Magenta (0%)

 Yellow (70%)

 Black (58%)



 Cyan (73%)

 Magenta (58%)

 Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446C20 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 446C20 by changing the saturation by 10% instead.

 446C20

 446C20

FFFFFF

 2B5305

 77A051

 143C00

 92BB6A

 002600

 ADD784

 000900

 C9F39E

 000000

 E6FFBA

 FFFFD6

 FFFFF2

 446C20

 446C20

■ 3E6C15

■ 4A6C2B

■ 396C0A

■ 4F6C36

■ 336C00

■ 556C40

■ 5B6C4B

■ 606C56

■ 666C61

■ 6C6C6C

■ 716C76

■ 776C81

Harmonies

Analogous

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



6C630A



446C20



007143

Triad

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



446C20



006DA7



A53D5A

Complementary

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



446C20



48206C

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.



96437F



446C20



1663AD

Square

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



446C20



00728E



6F539E



A04536

Rectangle

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



446C20



00735D



6F539E



A33D67

Sweetspot

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



446C20



7D8C6F



6C4720



3E4736



C7C7C7



474747

Same Dimension

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



446C20



4E8C16



206C21



333630



387500



74F500

Inverse Universe

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



48206C



54168C



6C206B



333036



3E0075



8100F5

Previews

White Background



This preview shows how the Hex color 446C20 looks on a white background.

Color Contrast Check

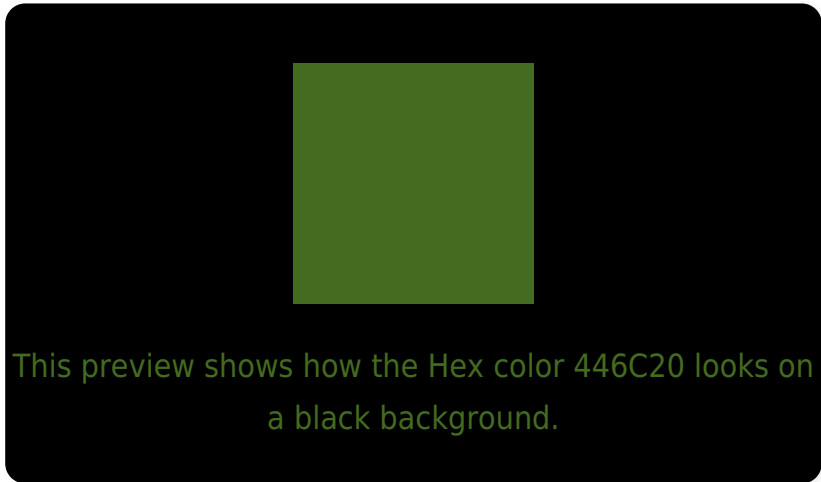
Large Text (above 18pt) WCAG AA ✓ Pass

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

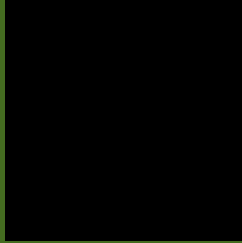
Any Text WCAG AA × Fail

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 446C20 Background



This preview shows how black text looks on a background with the Hex color 446C20.



This preview shows how white text looks on a background with the Hex color 446C20.

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
446C20

Protanopia
6D611D

Deuteranopia
795C26



Tritanopia
4F656D

Trichromacy



Original Color
446C20

Protanomaly
5E651E

Deuteranomaly
666224

Tritanomaly
4B6851

Monochromacy



Original Color
446C20

Achromatopsia
575757

Achromatomaly
505F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 446C20 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 #446C20 looks like.

```
.text, #text, p{  
    color:#446C20  
}
```

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 #446C20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446C20
}
```

Border

The CSS property to change the border of an element to Hex 446C20 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
#446C20 }
```

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

```
.border{ border-color:#446C20 }
```

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

Here you see how a box with a 4 pixel #446C20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446C20; -webkit-box-shadow:4px 4px  
4px 4px #446C20; box-shadow:4px 4px 4px  
4px #446C20 }
```

Background

The CSS property to change the background color of an element to Hex 446C20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446C20 }
```

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

```
.background{ background-color:#446C20 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor