

Converting Colors

Hex(446200)

Have a look what the booklet for
Hex(446200) contains.

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Color

Hex(446200)

Conversions

Conversions Part 1

Format	Color
Hex	446200
RGB	68, 98, 0
RGB Percent	27%, 38%, 0%
CMY	0.7333, 0.6157, 1.0000
CMYK	0.31, 0.00, 1.00, 0.62
HSL	78°, 100%, 19%
HSV	78°, 100%, 38%
XYZ	6.7516, 9.9643, 1.5675
YIQ	77.8580, 13.5780, -36.8380

Conversions

Conversions Part 2

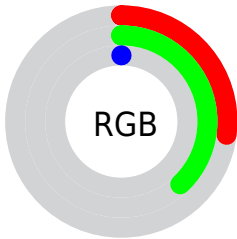
Format	Color
RYB	0, 98, 30
Decimal	4481536
CIELab	37.78, -24.73, 44.07
CIELCh	38, 50.533, 119.299
Yxy	9.9643, 0.3693, 0.5450
Android (android.graphics.Color)	4282671616 (0xFF446200)
YUV	77.8580, -38.3840, -8.6455
Hunter-Lab	31.5663, -17.0624, 19.1523

Details

The Hex color **446200** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1E0062**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **789539**, and **113300** is the 20% darker color. If you saturate the color by 10%, you get **446200**, and if you desaturate by 10%, it is **47620A**.

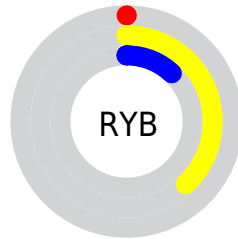
Distribution



Red (27%)

Green (38%)

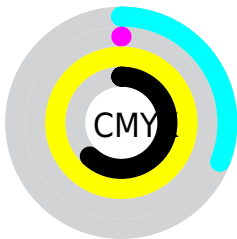
Blue (0%)



Red (0%)

Yellow (38%)

Blue (12%)

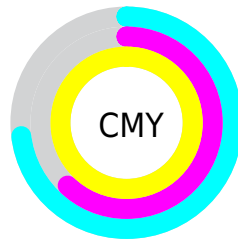


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446200 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 446200 by changing the saturation by 10% instead.


 446200

 446200

 FFFFF6

 2B4A00

 789539

 113300

 93B052

 002000

 AE CB6C

 000000

 CAE786

 E7FFA1

 FFFFBD

 FFFF D9

 446200

 47620A

 4A6214

 4D621D

 506227

 536231

 56623B

 596245

 5C624E

 5F6258

Harmonies

Analogous

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



6C5700



446200



00682C

Triad

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



446200



00679F



9F2C5C

Complementary

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



446200



1E0062

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.



883A83



446200



005EAB

Square

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



446200



006B80



544EA1



9E3434

Rectangle

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



446200



006B48



544EA1



9A2F69

Sweetspot

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



446200



748059



621D00



394029



BFBFBF



404040

Same Dimension

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



446200



588000



146200



2F302C



4E7000



A6F000

Inverse Universe

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



1E0062



270080



4E0062



2D2C30



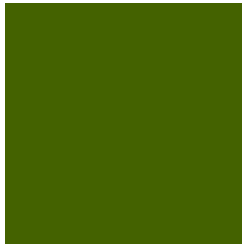
220070



4900F0

Previews

White Background



This preview shows how the Hex color 446200 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

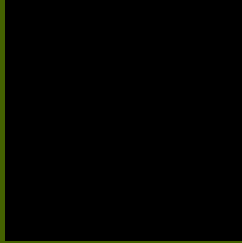
Any Text WCAG AA × Fail

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 446200 Background



This preview shows how black text looks on a background with the Hex color 446200.



This preview shows how white text looks on a background with the Hex color 446200.

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
446200

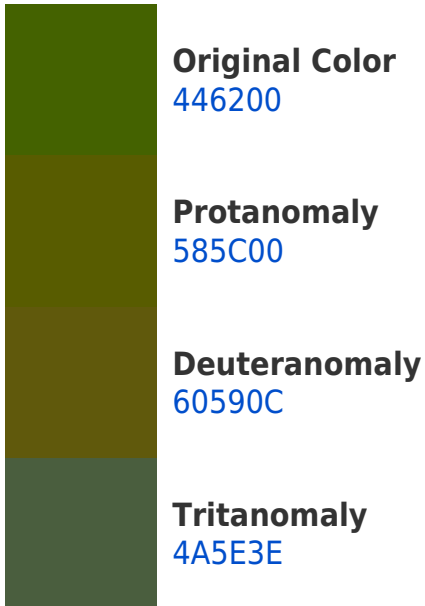
Protanopia
645900

Deuteranopia
705413



Tritanopia
4E5B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 446200 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 #446200 looks like.

```
.text, #text, p{  
    color:#446200  
}
```

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 #446200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446200
}
```

Border

The CSS property to change the border of an element to Hex 446200 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
#446200 }
```

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

```
.border{ border-color:#446200 }
```

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

Here you see how a box with a 4 pixel #446200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446200; -webkit-box-shadow:4px 4px  
4px 4px #446200; box-shadow:4px 4px 4px  
4px #446200 }
```

Background

The CSS property to change the background color of an element to Hex 446200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446200 }
```

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

```
.background{ background-color:#446200 }
```

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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