

Converting Colors

Hex(446246)

Have a look what the booklet for
Hex(446246) contains.

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Color

Hex(446246)

Conversions

Conversions Part 1

Format	Color
Hex	446246
RGB	68, 98, 70
RGB Percent	27%, 38%, 27%
CMY	0.7333, 0.6157, 0.7255
CMYK	0.31, 0.00, 0.29, 0.62
HSL	124°, 18%, 33%
HSV	124°, 31%, 38%
XYZ	7.8571, 10.4065, 7.3889
YIQ	85.8380, -8.8920, -15.0680

Conversions

Conversions Part 2

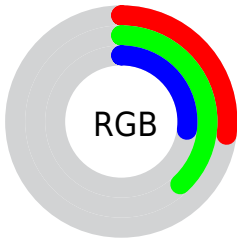
Format	Color
RYB	68, 96, 98
Decimal	4481606
CIELab	38.56, -17.37, 12.50
CIElCh	39, 21.400, 144.274
Yxy	10.4065, 0.3063, 0.4057
Android (android.graphics.Color)	4282671686 (0xFF446246)
YUV	85.8380, -7.8081, -15.6439
Hunter-Lab	32.2591, -12.9778, 9.0011

Details

The Hex color **446246** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **624460**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **759576**, and **17331A** is the 20% darker color. If you saturate the color by 10%, you get **3A623D**, and if you desaturate by 10%, it is **4E624F**.

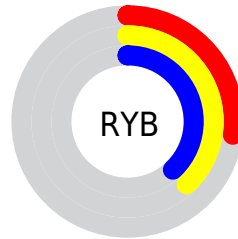
Distribution



Red (27%)

Green (38%)

Blue (27%)



Red (27%)

Yellow (38%)

Blue (38%)

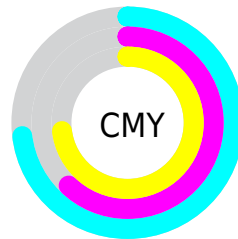


Cyan (31%)

Magenta (0%)

Yellow (29%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446246 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 446246 by changing the saturation by 10% instead.

 446246

 446246

FFFFFF

 2D4A30

 759576

 17331A

 8FB090

 001E00

 AACBAB

 000000

 C5E7C6

 E1FFE2

FEFFFF

 446246

 446246

 3A623D

 4E624F

■ 306234

■ 586258

■ 27622B

■ 616261

■ 1D6221

■ 6B626B

■ 136218

■ 756274

■ 09620F

■ 7F627D

■ 006207

■ 896286

■ 92628F

■ 9C6298

Harmonies

Analogous

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



585E3B



446246



2F6457

Triad

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



446246



3E5D7D



7D4E4D

Complementary

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



446246



624460

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.



7A4E5F



446246



58587A

Square

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



446246



256276



6E526F



77533F

Rectangle

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



446246



236463



6E526F



7D4E53

Sweetspot

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



446246



748075



606244



394039



BFBFBF



404040

Same Dimension

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



446246



508053



446255



2C302C



007007



00F010

Inverse Universe

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



624460



80507C



624451



302C30



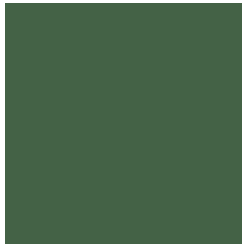
700069



F000E0

Previews

White Background



This preview shows how the Hex color 446246 looks on a white background.

Color Contrast Check

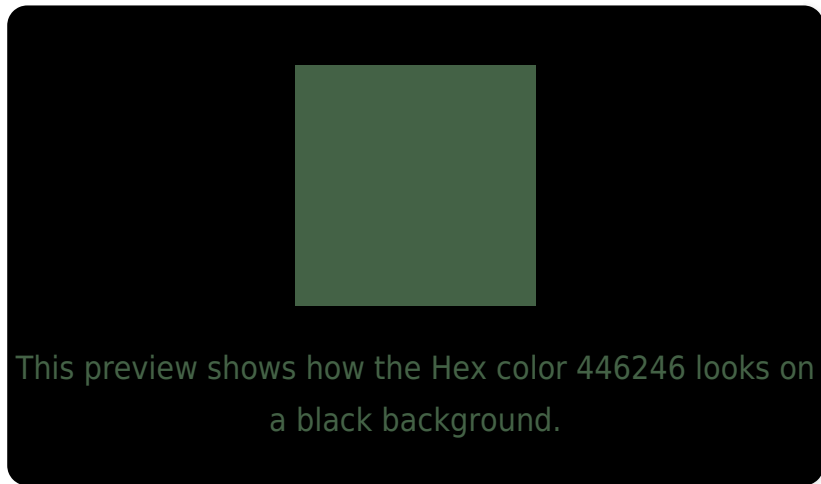
Large Text (above 18pt) WCAG AA ✓ Pass

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

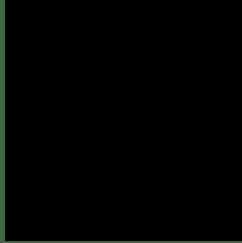
Any Text WCAG AA × Fail

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 446246 Background



This preview shows how black text looks on a background with the Hex color 446246.



This preview shows how white text looks on a background with the Hex color 446246.

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
446246

Protanopia
615A43

Deuteranopia
695748



Tritanopia
4A5E65

Trichromacy



Original Color
446246

Protanomaly
565D44

Deuteranomaly
5C5B47

Tritanomaly
485F5A

Monochromacy



Original Color
446246

Achromatopsia
565656

Achromatomaly
4F5A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 446246 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 #446246 looks like.

```
.text, #text, p{  
    color:#446246  
}
```

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 #446246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446246
}
```

Border

The CSS property to change the border of an element to Hex 446246 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
#446246 }
```

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

```
.border{ border-color:#446246 }
```

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

Here you see how a box with a 4 pixel #446246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446246; -webkit-box-shadow:4px 4px  
4px 4px #446246; box-shadow:4px 4px 4px  
4px #446246 }
```

Background

The CSS property to change the background color of an element to Hex 446246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446246 }
```

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

```
.background{ background-color:#446246 }
```

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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