

Converting Colors

Hex(446044)

Have a look what the booklet for
Hex(446044) contains.

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Color

Hex(446044)

Conversions

Conversions Part 1

Format	Color
Hex	446044
RGB	68, 96, 68
RGB Percent	27%, 38%, 27%
CMY	0.7333, 0.6235, 0.7333
CMYK	0.29, 0.00, 0.29, 0.62
HSL	120°, 17%, 32%
HSV	120°, 29%, 38%
XYZ	7.6102, 10.0120, 7.0003
YIQ	84.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

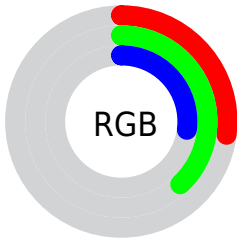
Format	Color
RYB	68, 96, 96
Decimal	4481092
CIELab	37.86, -16.67, 12.75
CIELCh	38, 20.985, 142.592
Yxy	10.0120, 0.3091, 0.4066
Android (android.graphics.Color)	4282671172 (0xFF446044)
YUV	84.4360, -8.1029, -14.4144
Hunter-Lab	31.6418, -12.4422, 9.0323

Details

The Hex color **446044** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **604460**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **759374**, and **173119** is the 20% darker color. If you saturate the color by 10%, you get **3A603A**, and if you desaturate by 10%, it is **4E604E**.

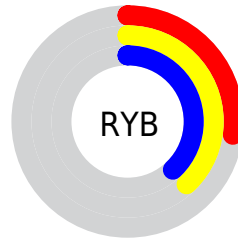
Distribution



Red (27%)

Green (38%)

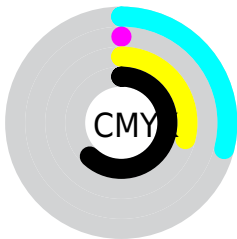
Blue (27%)



Red (27%)

Yellow (38%)

Blue (38%)

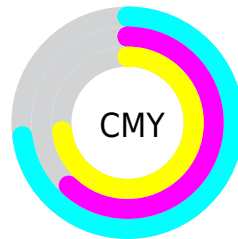


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446044 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 446044 by changing the saturation by 10% instead.



446044



446044

FFFFFF



2D482E



759374



173119



8FAD8E



001D00



A9C9A8



000000



C5E5C4



E1FFE0



FEFFFC



446044



446044



3A603A



4E604E

■ 316031

■ 576057

■ 276027

■ 616061

■ 1E601E

■ 6A606A

■ 146014

■ 746074

■ 0A600A

■ 7E607E

■ 016001

■ 876087

■ 006000

■ 916091

■ 9A609A

Harmonies

Analogous

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



585C39



446044



306254

Triad

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



446044



3B5C7A



7B4D4D

Complementary

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



446044



604460

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.



774D5E



446044



555678

Square

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



446044



246074



6B506E



75513F

Rectangle

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



446044



236260



6B506E



7B4C52

Sweetspot

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



446044



727D72



606044



394039



BFBFBF



404040

Same Dimension

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



446044



517D51



446052



2C302C



007000



00F000

Inverse Universe

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



604460



7D517D



604452



302C30



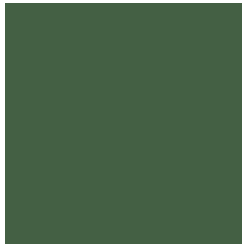
700070



F000F0

Previews

White Background



This preview shows how the Hex color 446044 looks on a white background.

Color Contrast Check

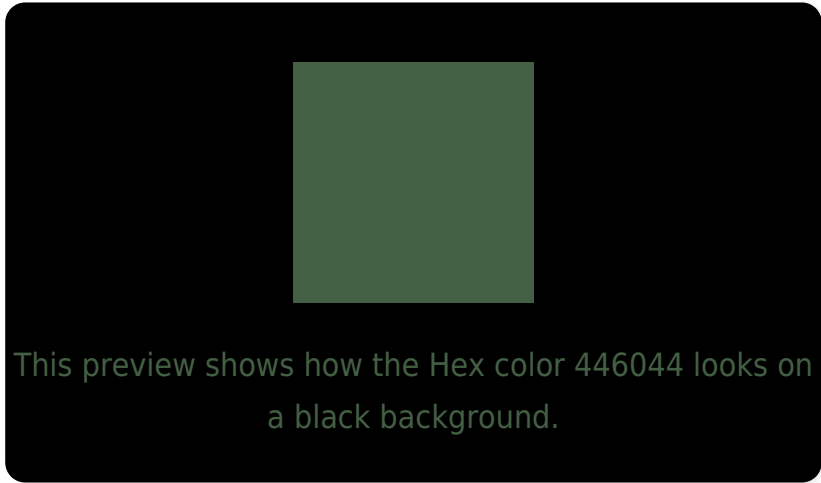
Large Text (above 18pt) WCAG AA ✓ Pass

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

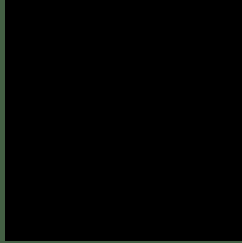
Any Text WCAG AA × Fail

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 446044 Background



This preview shows how black text looks on a background with the Hex color 446044.



This preview shows how white text looks on a background with the Hex color 446044.

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](#).

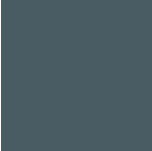
Dichromacy



Original Color
446044

Protanopia
5F5941

Deuteranopia
685546



Tritanopia
4A5C63

Trichromacy



Original Color
446044

Protanomaly
555C42

Deuteranomaly
5B5945

Tritanomaly
485D58

Monochromacy



Original Color
446044

Achromatopsia
545454

Achromatomaly
4E584E

CSS Examples

Text

The CSS property to change the color of the text to Hex 446044 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 #446044 looks like.

```
.text, #text, p{  
    color:#446044  
}
```

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 #446044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446044  
}
```

Border

The CSS property to change the border of an element to Hex 446044 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  
#446044 }
```

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

```
.border{ border-color:#446044 }
```

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

Here you see how a box with a 4 pixel #446044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446044; -webkit-box-shadow:4px 4px  
4px 4px #446044; box-shadow:4px 4px 4px  
4px #446044 }
```

Background

The CSS property to change the background color of an element to Hex 446044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446044 }
```

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

```
.background{ background-color:#446044 }
```

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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