

Converting Colors

Hex(446A49)

Have a look what the booklet for
Hex(446A49) contains.

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Color

Hex(446A49)

Conversions

Conversions Part 1

Format	Color
Hex	446A49
RGB	68, 106, 73
RGB Percent	27%, 42%, 29%
CMY	0.7333, 0.5843, 0.7137
CMYK	0.36, 0.00, 0.31, 0.58
HSL	128°, 22%, 34%
HSV	128°, 36%, 42%
XYZ	8.7405, 12.0181, 8.1624
YIQ	90.8760, -12.0550, -18.3190

Conversions

Conversions Part 2

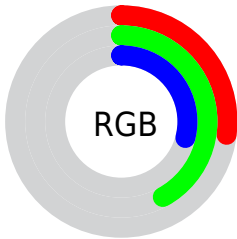
Format	Color
RYB	68, 102, 106
Decimal	4483657
CIELab	41.24, -21.06, 14.37
CIELCh	41, 25.494, 145.696
Yxy	12.0181, 0.3022, 0.4155
Android (android.graphics.Color)	4282673737 (0xFF446A49)
YUV	90.8760, -8.8129, -20.0623
Hunter-Lab	34.6671, -15.6626, 10.3071

Details

The Hex color **446A49** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A4465**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **769E7A**, and **153A1D** is the 20% darker color. If you saturate the color by 10%, you get **396A40**, and if you desaturate by 10%, it is **4F6A52**.

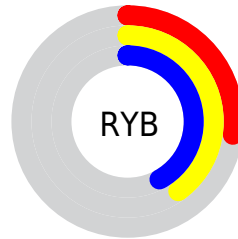
Distribution



Red (27%)

Green (42%)

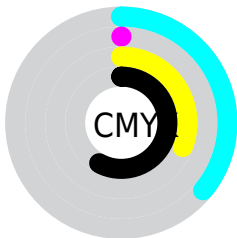
Blue (29%)



Red (27%)

Yellow (40%)

Blue (42%)

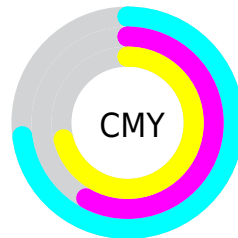


Cyan (36%)

Magenta (0%)

Yellow (31%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446A49 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 446A49 by changing the saturation by 10% instead.



446A49



446A49

FFFFFF



2C5232



769E7A



153A1D



90B994



002405



AAD4AE



000900



C6F1CA



000000



E2FFE6



446A49



446A49



396A40



4F6A52



2F6A37



596A5B

■ 246A2D

■ 646A65

■ 1A6A24

■ 6E6A6E

■ 0F6A1B

■ 796A77

■ 046A12

■ 846A80

■ 006A0E

■ 8E6A89

■ 996A93

■ A36A9C

Harmonies

Analogous

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



5D653B



446A49



286C5D

Triad

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



446A49



3D648B



8A5250

Complementary

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



446A49



6A4465

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.



875165



446A49



5F5D87

Square

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



446A49



166983



795679



82583F

Rectangle

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



446A49



116C6C



795679



8A5157

Sweetspot

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



446A49



7B8A7D



666A44



3C453D



C4C4C4



454545

Same Dimension

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



446A49



4E8A56



446A5B



303631



00750F



00F520

Inverse Universe

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



6A4465



8A4E82



6A4453



363035



750066



F500D5

Previews

White Background



This preview shows how the Hex color 446A49 looks on a white background.

Color Contrast Check

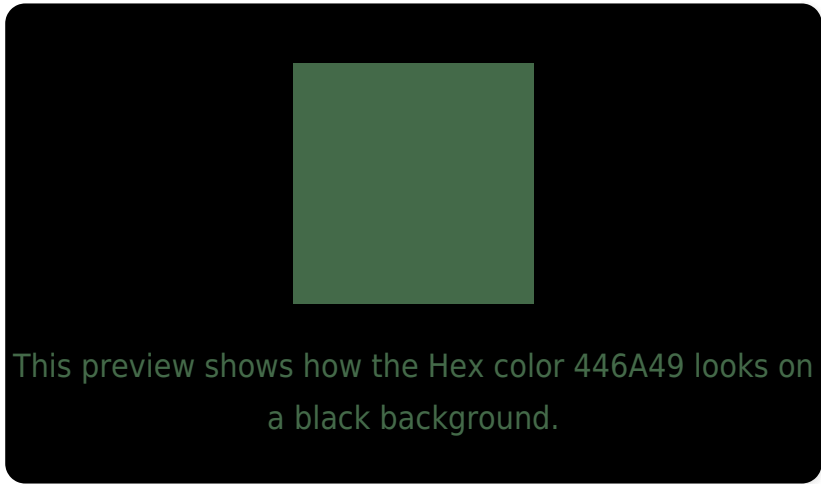
Large Text (above 18pt) WCAG AA ✓ Pass

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

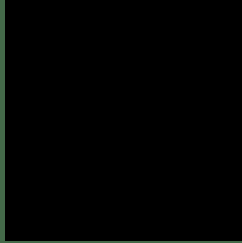
Any Text WCAG AA × Fail

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 446A49 Background



This preview shows how black text looks on a background with the Hex color 446A49.



This preview shows how white text looks on a background with the Hex color 446A49.

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
446A49

Protanopia
686145

Deuteranopia
715D4C



Tritanopia
4B656E

Trichromacy



Original Color
446A49

Protanomaly
5B6446

Deuteranomaly
61624B

Tritanomaly
486761

Monochromacy



Original Color
446A49

Achromatopsia
5B5B5B

Achromatomaly
536054

CSS Examples

Text

The CSS property to change the color of the text to Hex 446A49 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 #446A49 looks like.

```
.text, #text, p{  
    color:#446A49  
}
```

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 #446A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446A49
}
```

Border

The CSS property to change the border of an element to Hex 446A49 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
#446A49 }
```

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

```
.border{ border-color:#446A49 }
```

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

Here you see how a box with a 4 pixel #446A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446A49; -webkit-box-shadow:4px 4px  
4px 4px #446A49; box-shadow:4px 4px 4px  
4px #446A49 }
```

Background

The CSS property to change the background color of an element to Hex 446A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446A49 }
```

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

```
.background{ background-color:#446A49 }
```

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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