

Converting Colors

Hex(446E52)

Have a look what the booklet for
Hex(446E52) contains.

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Color

Hex(446E52)

Conversions

Conversions Part 1

Format	Color
Hex	446E52
RGB	68, 110, 82
RGB Percent	27%, 43%, 32%
CMY	0.7333, 0.5686, 0.6784
CMYK	0.38, 0.00, 0.25, 0.57
HSL	140°, 24%, 35%
HSV	140°, 38%, 43%
XYZ	9.4828, 12.9900, 9.9902
YIQ	94.2500, -16.0440, -17.6120

Conversions

Conversions Part 2

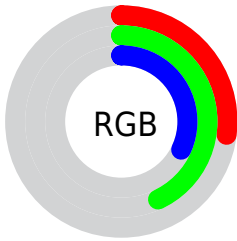
Format	Color
RYB	68, 100, 110
Decimal	4484690
CIELab	42.75, -21.32, 11.08
CIELCh	43, 24.032, 152.534
Yxy	12.9900, 0.2921, 0.4001
Android (android.graphics.Color)	4282674770 (0xFF446E52)
YUV	94.2500, -6.0392, -23.0212
Hunter-Lab	36.0416, -16.1082, 8.7949

Details

The Hex color **446E52** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E4460**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **76A283**, and **143E25** is the 20% darker color. If you saturate the color by 10%, you get **396E4B**, and if you desaturate by 10%, it is **4F6E59**.

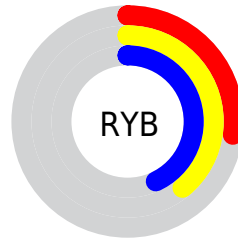
Distribution



Red (27%)

Green (43%)

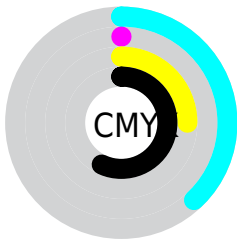
Blue (32%)



Red (27%)

Yellow (39%)

Blue (43%)

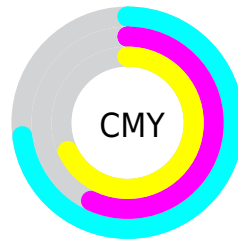


Cyan (38%)

Magenta (0%)

Yellow (25%)

Black (57%)



Cyan (73%)

Magenta (57%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446E52 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 446E52 by changing the saturation by 10% instead.



446E52



446E52

FFFFFF



2C553B



76A283



143E25



90BD9E



002811



ABD9B9



001100



C6F5D4



000000



E3FFF1



446E52



446E52



396E4B



4F6E59



2E6E43



5A6E61

■ 236E3C

■ 656E68

■ 186E35

■ 706E6F

■ 0D6E2D

■ 7B6E77

■ 026E26

■ 866E7E

■ 006E25

■ 916E85

■ 9C6E8D

■ A76E94

Harmonies

Analogous

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



5C6A43



446E52



2B7066

Triad

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



446E52



4C668C



8B5851

Complementary

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



446E52



6E4460

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.



8B5664



446E52



6A5F86

Square

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



446E52



2C6C88



7F5978



815D42

Rectangle

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



446E52



1D6F73



7F5978



8C5657

Sweetspot

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



446E52



7F8F84



606E44



3E4741



C7C7C7



474747

Same Dimension

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



446E52



4D8F63



446E67



323834



007828



00F752

Inverse Universe

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



6E4460



8F4D79



6E444B



383236



780050



F700A5

Previews

White Background



This preview shows how the Hex color 446E52 looks on a white background.

Color Contrast Check

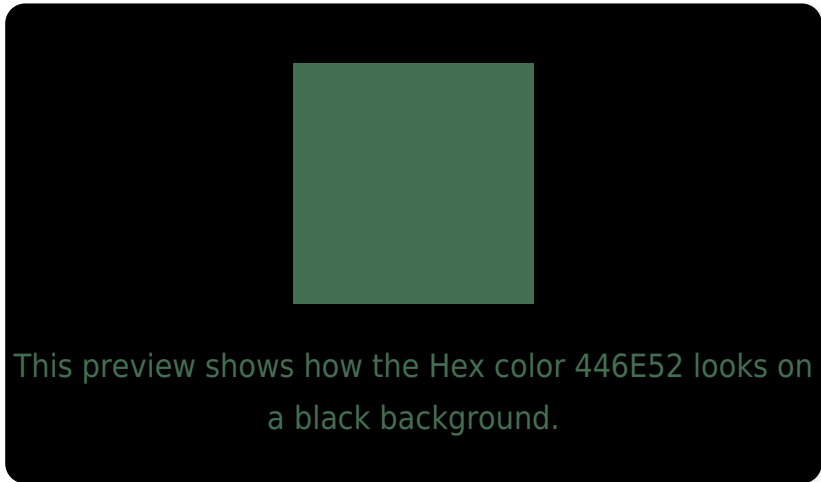
Large Text (above 18pt) WCAG AA ✓ Pass

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

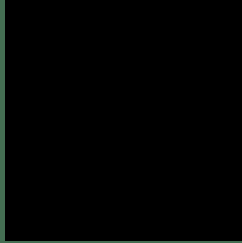
Any Text WCAG AA × Fail

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 446E52 Background



This preview shows how black text looks on a background with the Hex color 446E52.



This preview shows how white text looks on a background with the Hex color 446E52.

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
446E52

Protanopia
6B644E

Deuteranopia
746155



Tritanopia
4B6A72

Trichromacy



Original Color
446E52

Protanomaly
5D684F

Deuteranomaly
636654

Tritanomaly
486B66

Monochromacy



Original Color
446E52

Achromatopsia
5E5E5E

Achromatomaly
55645A

CSS Examples

Text

The CSS property to change the color of the text to Hex 446E52 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 #446E52 looks like.

```
.text, #text, p{  
    color:#446E52  
}
```

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 #446E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446E52
}
```

Border

The CSS property to change the border of an element to Hex 446E52 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".

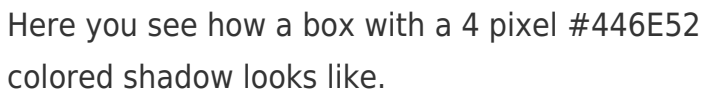
```
.border, #border, table{ border:4px solid
#446E52 }
```

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

```
.border{ border-color:#446E52 }
```

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

Here you see how a box with a 4 pixel #446E52 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446E52; -webkit-box-shadow:4px 4px  
4px 4px #446E52; box-shadow:4px 4px 4px  
4px #446E52 }
```

Background

The CSS property to change the background color of an element to Hex 446E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446E52 }
```

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

```
.background{ background-color:#446E52 }
```

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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