

Converting Colors

Hex(446E45)

Have a look what the booklet for
Hex(446E45) contains.

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Color

Hex(446E45)

Conversions

Conversions Part 1

Format	Color
Hex	446E45
RGB	68, 110, 69
RGB Percent	27%, 43%, 27%
CMY	0.7333, 0.5686, 0.7294
CMYK	0.38, 0.00, 0.37, 0.57
HSL	121°, 24%, 35%
HSV	121°, 38%, 43%
XYZ	9.0340, 12.8105, 7.6268
YIQ	92.7680, -11.8710, -21.6550

Conversions

Conversions Part 2

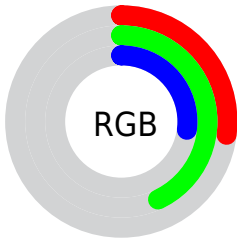
Format	Color
R _{YB}	68, 109, 110
Decimal	4484677
CIE _{Lab}	42.48, -23.87, 18.38
CIE _{LCh}	42, 30.125, 142.407
Y _{xy}	12.8105, 0.3065, 0.4347
Android (android.graphics.Color)	4282674757 (0xFF446E45)
Y _{UV}	92.7680, -11.7176, -21.7215
Hunter-Lab	35.7917, -17.5813, 12.4203

Details

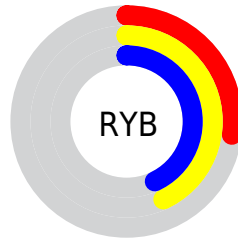
The Hex color **446E45** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E446D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **76A276**, and **143E19** is the 20% darker color. If you saturate the color by 10%, you get **396E3A**, and if you desaturate by 10%, it is **4F6E50**.

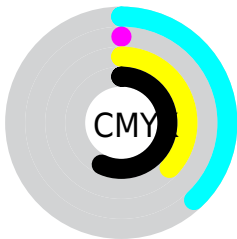
Distribution



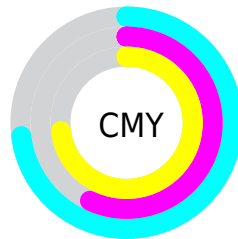
- Red (27%)
- Green (43%)
- Blue (27%)



- Red (27%)
- Yellow (43%)
- Blue (43%)



- Cyan (38%)
- Magenta (0%)
- Yellow (37%)
- Black (57%)



- Cyan (73%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446E45 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 446E45 by changing the saturation by 10% instead.

 446E45

 446E45

FFFFFF

 2C552E

 76A276

 143E19

 90BD8F

 002800

 ABD9AA

 001000

 C7F6C5

 000000

 E3FFE1

FFFFFFE

 446E45

 446E45

 396E3A

 4F6E50

 2E6E30

 5A6E5A

 236E25


 656E65

 186E1A

 706E70

 0D6E0F

 7B6E7B

 026E05

 866E85

 006E03

 916E90

 9C6E9B

 A76EA6

Harmonies

Analogous

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



616935



446E45



1C715D

Triad

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



446E45



2E6995



945153

Complementary

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



446E45



6E446D

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.



90516C



446E45



5D6092

Square

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



446E45



006E8B



7D5783



8B583E

Rectangle

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



446E45



00716E



7D5783



94505B

Sweetspot

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



446E45



7F8F7F



6D6E44



3E473E



C7C7C7



474747

Same Dimension

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



446E45



4D8F4F



446E5A



323833



007803



00F706

Inverse Universe

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



6E446D



8F4D8D



6E4458



383238



780075



F700F1

Previews

White Background



This preview shows how the Hex color 446E45 looks on a white background.

Color Contrast Check

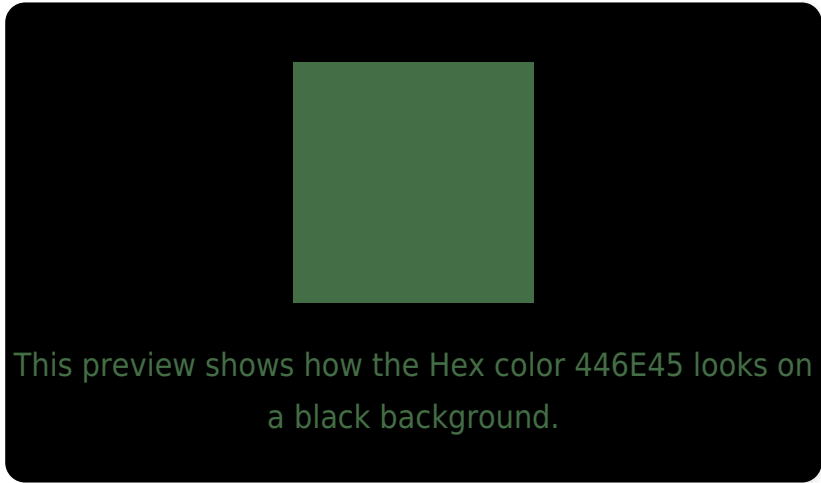
Large Text (above 18pt) WCAG AA ✓ Pass

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

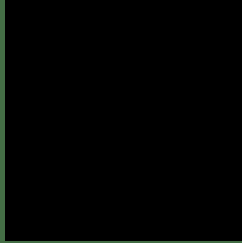
Any Text WCAG AA × Fail

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 446E45 Background



This preview shows how black text looks on a background with the Hex color 446E45.



This preview shows how white text looks on a background with the Hex color 446E45.

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
446E45

Protanopia
6D6441

Deuteranopia
766048



Tritanopia
4D6971

Trichromacy



Original Color
446E45

Protanomaly
5E6842

Deuteranomaly
646547

Tritanomaly
4A6B61

Monochromacy



Original Color
446E45

Achromatopsia
5D5D5D

Achromatomaly
546354

CSS Examples

Text

The CSS property to change the color of the text to Hex 446E45 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 #446E45 looks like.

```
.text, #text, p{  
    color:#446E45  
}
```

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 #446E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446E45
}
```

Border

The CSS property to change the border of an element to Hex 446E45 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
#446E45 }
```

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

```
.border{ border-color:#446E45 }
```

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

Here you see how a box with a 4 pixel #446E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446E45; -webkit-box-shadow:4px 4px  
4px 4px #446E45; box-shadow:4px 4px 4px  
4px #446E45 }
```

Background

The CSS property to change the background color of an element to Hex 446E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446E45 }
```

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

```
.background{ background-color:#446E45 }
```

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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