

Converting Colors

Hex(446A5C)

Have a look what the booklet for
Hex(446A5C) contains.

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Color

Hex(446A5C)

Conversions

Conversions Part 1

Format	Color
Hex	446A5C
RGB	68, 106, 92
RGB Percent	27%, 42%, 36%
CMY	0.7333, 0.5843, 0.6392
CMYK	0.36, 0.00, 0.13, 0.58
HSL	158°, 22%, 34%
HSV	158°, 36%, 42%
XYZ	9.4697, 12.3097, 12.0021
YIQ	93.0420, -18.1540, -12.4100

Conversions

Conversions Part 2

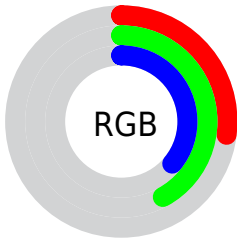
Format	Color
R_{YB}	68, 91, 106
Decimal	4483676
CIE _{Lab}	41.70, -16.93, 3.59
CIE _{LCh}	42, 17.308, 168.012
Yxy	12.3097, 0.2803, 0.3644
Android (android.graphics.Color)	4282673756 (0xFF446A5C)
YUV	93.0420, -0.5137, -21.9618
Hunter-Lab	35.0852, -13.2210, 4.2774

Details

The Hex color **446A5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4452**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **769D8E**, and **153A2E** is the 20% darker color. If you saturate the color by 10%, you get **396A58**, and if you desaturate by 10%, it is **4F6A60**.

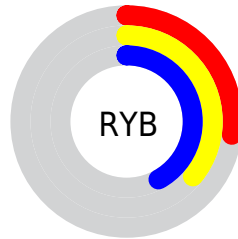
Distribution



Red (27%)

Green (42%)

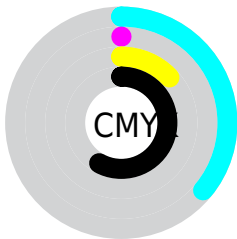
Blue (36%)



Red (27%)

Yellow (36%)

Blue (42%)

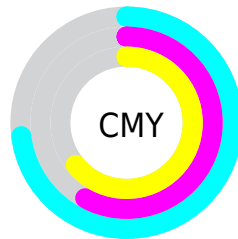


Cyan (36%)

Magenta (0%)

Yellow (13%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446A5C 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 446A5C by changing the saturation by 10% instead.


 446A5C

 446A5C

FFFFFF

 2C5245

 769D8E

 153A2E

 90B8A9

 00251A

 ABD4C4

 000C00

 C6F1E0

 000000

 E2FFFC

 446A5C

 446A5C

 396A58

 4F6A60

 2F6A54

 596A64

■ 246A50

■ 646A68

■ 1A6A4C

■ 6E6A6C

■ 0F6A48

■ 796A70

■ 046A45

■ 846A73

■ 006A43

■ 8E6A77

■ 996A7B

■ A36A7F

Harmonies

Analogous

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



54684F



446A5C



396A6B

Triad

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



446A5C



5D617D



7C5B4E

Complementary

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



446A5C



6A4452

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.



7F585A



446A5C



6F5C76

Square

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



446A5C



49657E



7B5969



726047

Rectangle

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



446A5C



396A73



7B5969



7E5A52

Sweetspot

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



446A5C



7B8A84



536A44



3C4542



C4C4C4



454545

Same Dimension

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



446A5C



4E8A74



44666A



303634



00754A



00F59B

Inverse Universe

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



6A4452



8A4E64



6A4844



363032



75002B



F5005A

Previews

White Background



This preview shows how the Hex color 446A5C looks on a white background.

Color Contrast Check

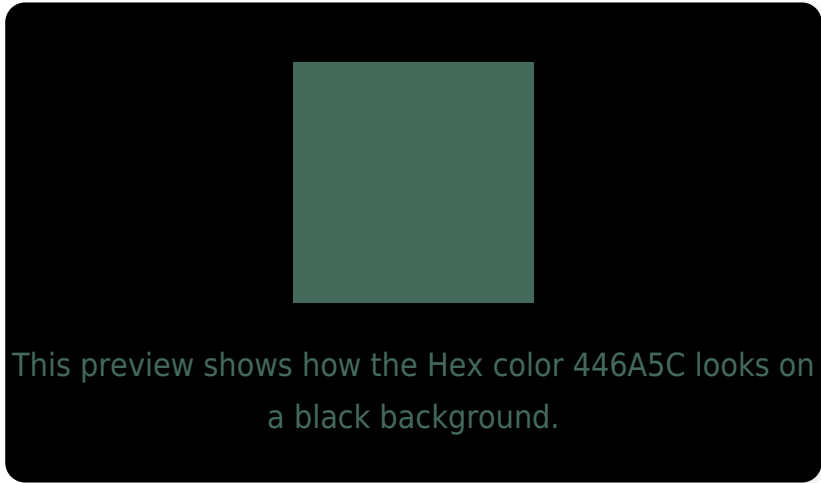
Large Text (above 18pt) WCAG AA ✓ Pass

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

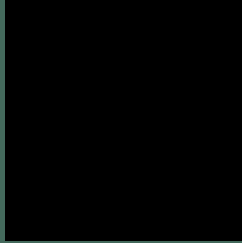
Any Text WCAG AA × Fail

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 446A5C Background



This preview shows how black text looks on a background with the Hex color 446A5C.



This preview shows how white text looks on a background with the Hex color 446A5C.

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

446A5C

Protanopia

666258

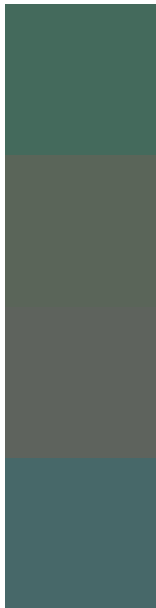
Deuteranopia

6D5F5E



Tritanopia
486770

Trichromacy



Original Color
446A5C

Protanomaly
5A6559

Deuteranomaly
5E635D

Tritanomaly
476869

Monochromacy



Original Color
446A5C

Achromatopsia
5D5D5D

Achromatomaly
54625D

CSS Examples

Text

The CSS property to change the color of the text to Hex 446A5C 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 #446A5C looks like.

```
.text, #text, p{  
    color:#446A5C  
}
```

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 #446A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446A5C
}
```

Border

The CSS property to change the border of an element to Hex 446A5C 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
#446A5C }
```

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

```
.border{ border-color:#446A5C }
```

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

Here you see how a box with a 4 pixel #446A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446A5C; -webkit-box-shadow:4px 4px  
4px 4px #446A5C; box-shadow:4px 4px 4px  
4px #446A5C }
```

Background

The CSS property to change the background color of an element to Hex 446A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446A5C }
```

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

```
.background{ background-color:#446A5C }
```

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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