

Converting Colors

Hex(446D76)

Have a look what the booklet for
Hex(446D76) contains.

| | |
|--|----|
| Hex(446D76) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(446D76)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 446D76 |
| RGB | 68, 109, 118 |
| RGB Percent | 27%, 43%, 46% |
| CMY | 0.7333, 0.5725, 0.5373 |
| CMYK | 0.42, 0.08, 0.00, 0.54 |
| HSL | 191°, 27%, 36% |
| HSV | 191°, 42%, 46% |
| XYZ | 11.1225, 13.4742, 19.1541 |
| YIQ | 97.7670, -27.3250, -5.8930 |

Conversions

Conversions Part 2

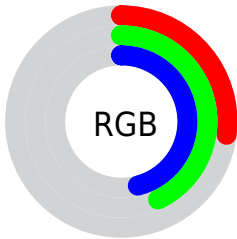
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 68, 91, 118 |
| Decimal | 4484470 |
| CIE _{Lab} | 43.47, -11.77, -9.53 |
| CIE _{LCh} | 43, 15.144, 218.999 |
| Yxy | 13.4742, 0.2542, 0.3080 |
| Android (android.graphics.Color) | 4282674550 (0xFF446D76) |
| YUV | 97.7670, 9.9749, -26.1057 |
| Hunter-Lab | 36.7073, -10.1510, -5.2429 |

Details

The Hex color **446D76** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764D44**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **77A1AA**, and **113D46** is the 20% darker color. If you saturate the color by 10%, you get **386B76**, and if you desaturate by 10%, it is **506F76**.

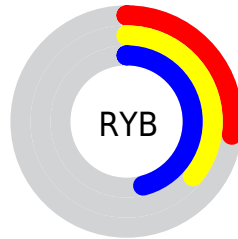
Distribution



Red (27%)

Green (43%)

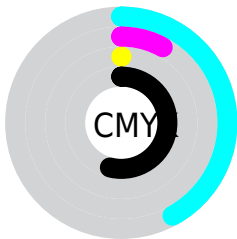
Blue (46%)



Red (27%)

Yellow (36%)

Blue (46%)

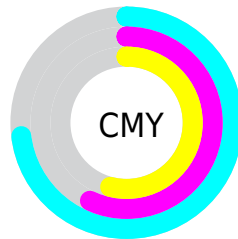


Cyan (42%)

Magenta (8%)

Yellow (0%)

Black (54%)



Cyan (73%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446D76 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 446D76 by changing the saturation by 10% instead.



446D76



446D76

FFFFFF



2B555D



77A1AA



113D46



91BCC5



00272F



ACD7E1



00141B



C8F4FE



000000



E5FFFF



446D76



446D76



386B76



506F76



2C6976



5C7176

■ 216776

■ 677376

■ 156576

■ 737576

■ 096276

■ 7F7876

■ 006176

■ 8B7A76

■ 977C76

■ A27E76

■ AE8076

Harmonies

Analogous

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



466E6A



446D76



4D6A7E

Triad

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



446D76



7A5F70



6C674E

Complementary

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



446D76



764D44

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.



786350



446D76



805E63

Square

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



446D76



6E627A



7F5F57



5E6B53

Rectangle

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



446D76



576880



7F5F57



71664E

Sweetspot

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



446D76



859599



44764C



404A4D



CCCCCC



4D4D4D

Same Dimension

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



446D76



4B8B99



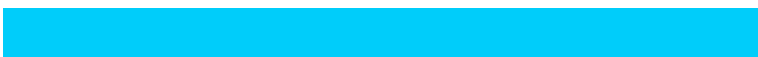
445576



353A3B



00647A



00CDFA

Inverse Universe

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



76446D



994B8B



766544



3B353A



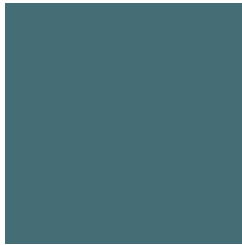
7A0064



FA00CD

Previews

White Background



This preview shows how the Hex color 446D76 looks on a white background.

Color Contrast Check

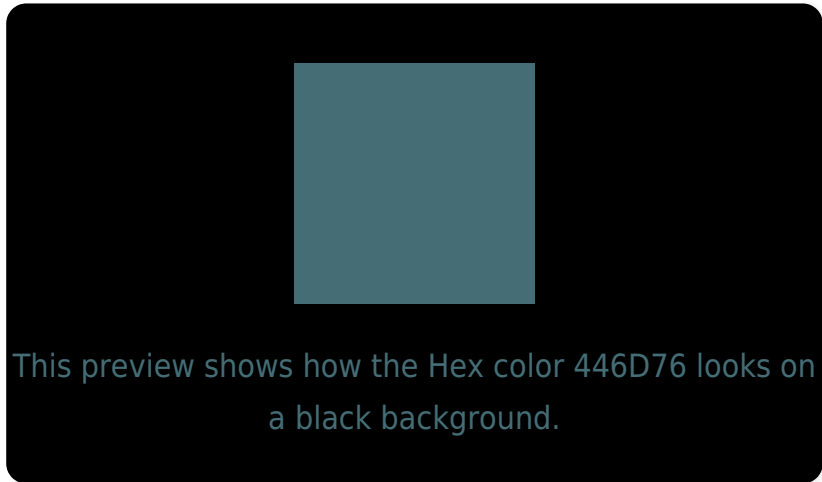
Large Text (above 18pt) WCAG AA ✓ Pass

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

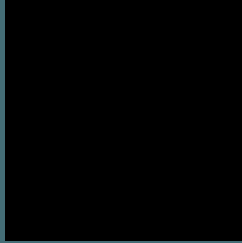
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

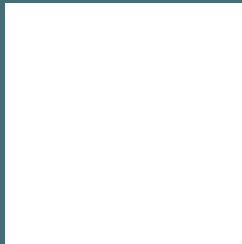
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 446D76 Background



This preview shows how black text looks on a background with the Hex color 446D76.

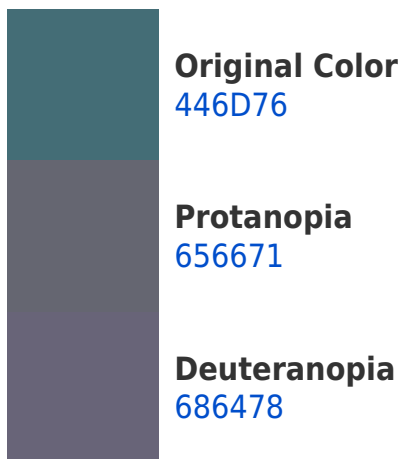



This preview shows how white text looks on a background with the Hex color 446D76.

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](#).

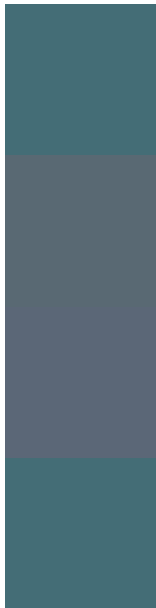
Dichromacy





Tritanopia
446D76

Trichromacy



Original Color
446D76

Protanomaly
596973

Deuteranomaly
5B6777

Tritanomaly
446D76

Monochromacy



Original Color
446D76

Achromatopsia
626262

Achromatomaly
576669

CSS Examples

Text

The CSS property to change the color of the text to Hex 446D76 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 #446D76 looks like.

```
.text, #text, p{  
    color:#446D76  
}
```

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 #446D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446D76  
}
```

Border

The CSS property to change the border of an element to Hex 446D76 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  
#446D76 }
```

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

```
.border{ border-color:#446D76 }
```

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

Here you see how a box with a 4 pixel #446D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446D76; -webkit-box-shadow:4px 4px  
4px 4px #446D76; box-shadow:4px 4px 4px  
4px #446D76 }
```

Background

The CSS property to change the background color of an element to Hex 446D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446D76 }
```

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

```
.background{ background-color:#446D76 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor