

Converting Colors

Hex(446178)

Have a look what the booklet for
Hex(446178) contains.

Hex(446178)	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(446178)

Conversions

Conversions Part 1

Format	Color
Hex	446178
RGB	68, 97, 120
RGB Percent	27%, 38%, 47%
CMY	0.7333, 0.6196, 0.5294
CMYK	0.43, 0.19, 0.00, 0.53
HSL	207°, 28%, 37%
HSV	207°, 43%, 47%
XYZ	10.0488, 11.1344, 19.3888
YIQ	90.9510, -24.6670, 1.0050

Conversions

Conversions Part 2

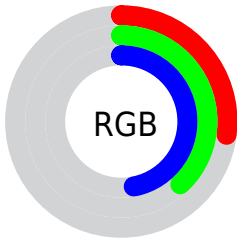
Format	Color
RYB	68, 87, 120
Decimal	4481400
CIELab	39.81, -4.12, -16.30
CIElCh	40, 16.814, 255.827
Yxy	11.1344, 0.2477, 0.2744
Android (android.graphics.Color)	4282671480 (0xFF446178)
YUV	90.9510, 14.3212, -20.1280
Hunter-Lab	33.3682, -4.6396, -11.0931

Details

The Hex color **446178** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785B44**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7794AC**, and **123347** is the 20% darker color. If you saturate the color by 10%, you get **385C78**, and if you desaturate by 10%, it is **506678**.

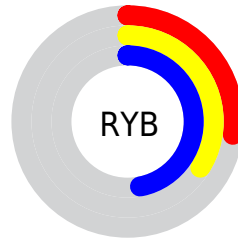
Distribution



Red (27%)

Green (38%)

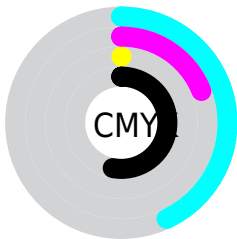
Blue (47%)



Red (27%)

Yellow (34%)

Blue (47%)

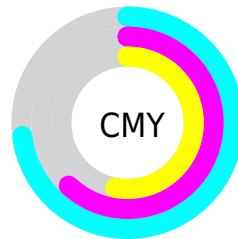


Cyan (43%)

Magenta (19%)

Yellow (0%)

Black (53%)



Cyan (73%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446178 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 446178 by changing the saturation by 10% instead.

■ 446178

■ 446178

FFFFFF

■ 2C495F

■ 7794AC

■ 123347

■ 91AEC8

■ 001E31

■ ACC9E4

■ 00021C

■ C8E6FF

■ 000000

■ E4FFFF

■ 446178

■ 446178

■ 385C78

■ 506678

■ 2C5678

■ 5C6C78

■ 205178

■ 687178

■ 144C78

■ 747678

■ 084678

■ 807C78

■ 004378

■ 8C8178

■ 988678

■ A48B78

■ B09178

Harmonies

Analogous

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



376471



446178



575D78

Triad

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



446178



7A5457



51634A

Complementary

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



446178



785B44

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.



605F43



446178



77564B

Square

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



446178



755465



6E5B43



426557

Rectangle

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



446178



635974



6E5B43



566247

Sweetspot

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



446178



87939C



44785B



42494F



CFCFCF



4F4F4F

Same Dimension

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



446178



4B789C



444778



373A3D



00467D



008DFC

Inverse Universe

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



784461



9C4B78



787544



3D373A



7D0046



FC008D

Previews

White Background



This preview shows how the Hex color 446178 looks on a white background.

Color Contrast Check

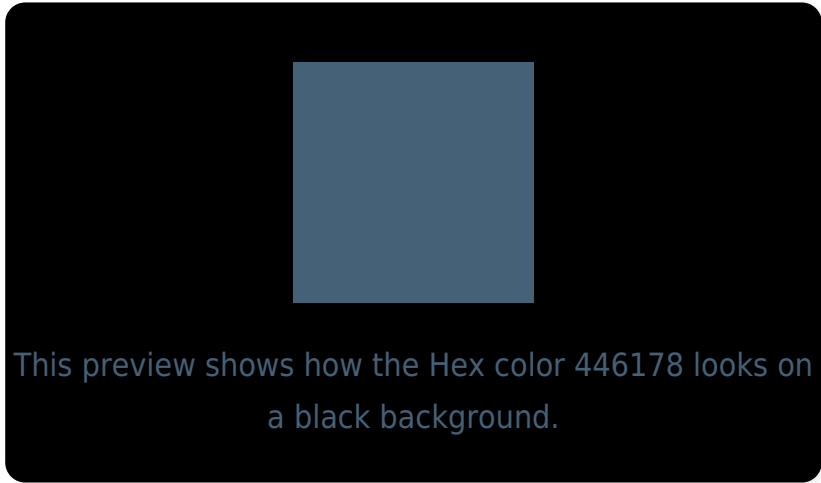
Large Text (above 18pt) WCAG AA ✓ Pass

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

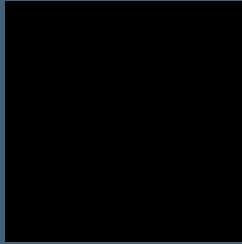
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

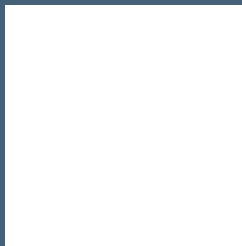
Any Text WCAG AAA × Fail

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

Hex 446178 Background



This preview shows how black text looks on a background with the Hex color 446178.

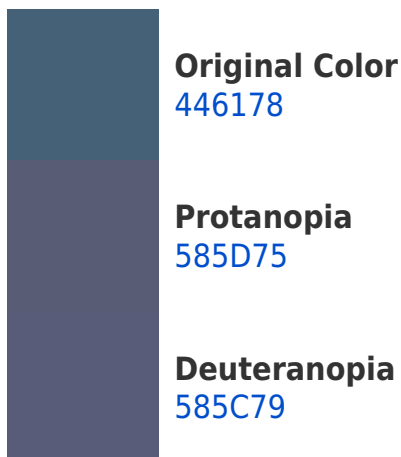


This preview shows how white text looks on a background with the Hex color 446178.

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
40636B

Trichromacy



Original Color
446178

Protanomaly
515E76

Deuteranomaly
515E79

Tritanomaly
416270

Monochromacy



Original Color
446178

Achromatopsia
5B5B5B

Achromatomaly
535D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 446178 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 #446178 looks like.

```
.text, #text, p{  
    color:#446178  
}
```

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 #446178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446178
}
```

Border

The CSS property to change the border of an element to Hex 446178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

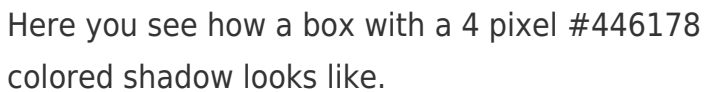
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#446178 }
```

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

```
.border{ border-color:#446178 }
```

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



Here you see how a box with a 4 pixel #446178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446178; -webkit-box-shadow:4px 4px  
4px 4px #446178; box-shadow:4px 4px 4px  
4px #446178 }
```

Background

The CSS property to change the background color of an element to Hex 446178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446178 }
```

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

```
.background{ background-color:#446178 }
```

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