

Converting Colors

Hex(246E80)

Have a look what the booklet for
Hex(246E80) contains.

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Color

Hex(246E80)

Conversions

Conversions Part 1

Format	Color
Hex	246E80
RGB	36, 110, 128
RGB Percent	14%, 43%, 50%
CMY	0.8588, 0.5686, 0.4980
CMYK	0.72, 0.14, 0.00, 0.50
HSL	192°, 56%, 32%
HSV	192°, 72%, 50%
XYZ	10.1998, 13.0854, 22.4102
YIQ	89.9260, -49.8820, -10.0900

Conversions

Conversions Part 2

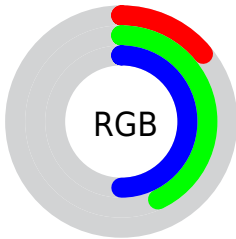
Format	Color
RYB	36, 77, 128
Decimal	2387584
CIELab	42.89, -16.24, -16.55
CIELCh	43, 23.184, 225.537
Yxy	13.0854, 0.2232, 0.2864
Android (android.graphics.Color)	4280577664 (0xFF246E80)
YUV	89.9260, 18.7705, -47.2931
Hunter-Lab	36.1738, -12.9733, -11.4094

Details

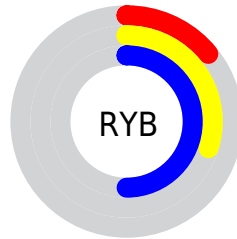
The Hex color **246E80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **803624**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5EA2B5**, and **003E4F** is the 20% darker color. If you saturate the color by 10%, you get **176B80**, and if you desaturate by 10%, it is **317180**.

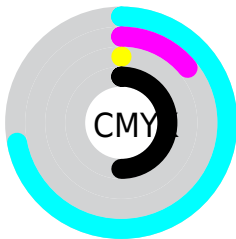
Distribution



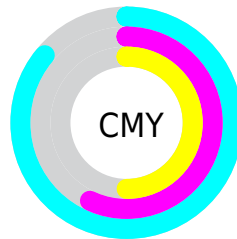
- Red (14%)
- Green (43%)
- Blue (50%)



- Red (14%)
- Yellow (30%)
- Blue (50%)



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)
- Black (50%)



- Cyan (86%)
- Magenta (57%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246E80 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 246E80 by changing the saturation by 10% instead.

■ 246E80

■ 246E80

FFFFFF

■ 005667

■ 5EA2B5

■ 003E4F

■ 7ABDD0

■ 002838

■ 95D9ED

■ 001322

■ B1F5FF

■ 00000A

■ CEFFFF

■ 000000

■ EBFFFF

■ 246E80

■ 246E80

■ 176B80

■ 317180

■ 0A6980

■ 3E7380

■ 006780

■ 4A7680

■ 577880

■ 647B80

■ 717D80

■ 7E8080

■ 8A8280

■ 978580

Harmonies

Analogous

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



26706F



246E80



3C6A8A

Triad

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



246E80



85586F



686740

Complementary

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



246E80



803624

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.



7B6140



246E80



8B575C

Square

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



246E80



745D80



875B4B



536C4A

Rectangle

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



246E80



51668B



875B4B



6F653F

Sweetspot

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



246E80



819FA6



248035



3E5054



D4D4D4



545454

Same Dimension

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



246E80



178AA6



244180



393F40



006780



000000

Inverse Universe

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



80246E



A6178A



806324



40393F



800067



000000

Previews

White Background



This preview shows how the Hex color 246E80 looks on a white background.

Color Contrast Check

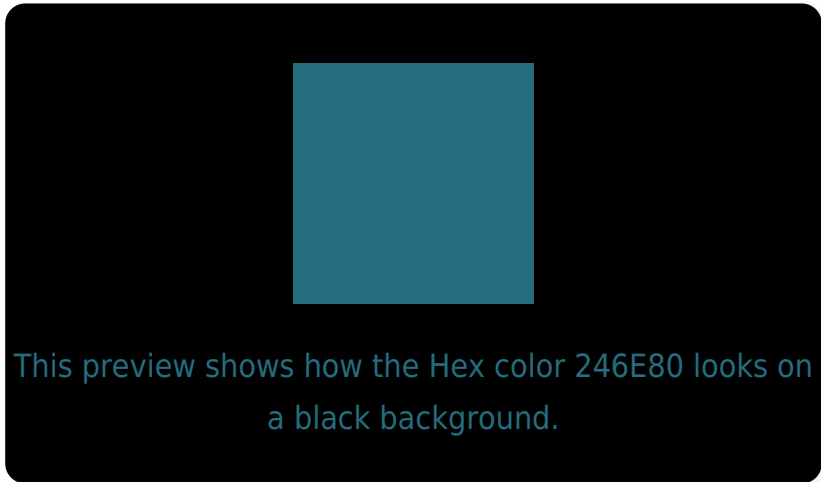
Large Text (above 18pt) WCAG AA ✓ Pass

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

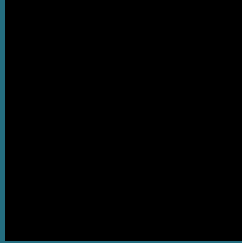
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

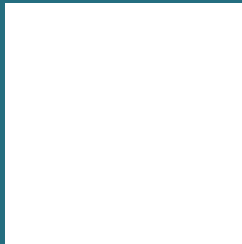
Any Text WCAG AAA × Fail

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

Hex 246E80 Background



This preview shows how black text looks on a background with the Hex color 246E80.

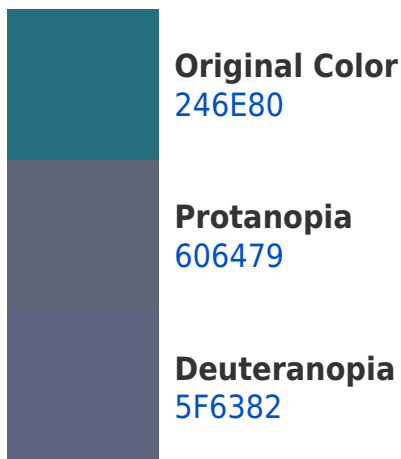


This preview shows how white text looks on a background with the Hex color 246E80.

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
1F6F78

Trichromacy



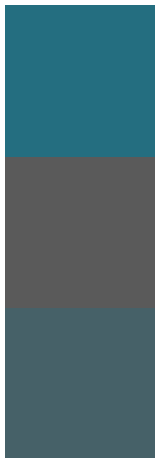
Original Color
246E80

Protanomaly
4A687C

Deuteranomaly
4A6781

Tritanomaly
216F7B

Monochromacy



Original Color
246E80

Achromatopsia
5A5A5A

Achromatomaly
466168

CSS Examples

Text

The CSS property to change the color of the text to Hex 246E80 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 #246E80 looks like.

```
.text, #text, p{  
    color:#246E80  
}
```

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 #246E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246E80
}
```

Border

The CSS property to change the border of an element to Hex 246E80 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
#246E80 }
```

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

```
.border{ border-color:#246E80 }
```

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

Here you see how a box with a 4 pixel #246E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246E80; -webkit-box-shadow:4px 4px  
4px 4px #246E80; box-shadow:4px 4px 4px  
4px #246E80 }
```

Background

The CSS property to change the background color of an element to Hex 246E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246E80 }
```

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

```
.background{ background-color:#246E80 }
```

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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