

Converting Colors

Hex(256E8F)

Have a look what the booklet for
Hex(256E8F) contains.

Hex(256E8F)	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(256E8F)

Conversions

Conversions Part 1

Format	Color
Hex	256E8F
RGB	37, 110, 143
RGB Percent	15%, 43%, 56%
CMY	0.8549, 0.5686, 0.4392
CMYK	0.74, 0.23, 0.00, 0.44
HSL	199°, 59%, 35%
HSV	199°, 74%, 56%
XYZ	11.2968, 13.5283, 28.0024
YIQ	91.9350, -54.1010, -5.2130

Conversions

Conversions Part 2

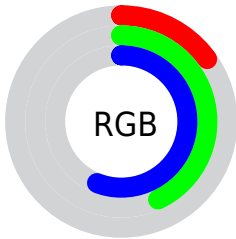
Format	Color
R_{YB}	37, 80, 143
Decimal	2453135
CIE _{Lab}	43.55, -10.84, -24.52
CIE _{LCh}	44, 26.807, 246.144
Yxy	13.5283, 0.2138, 0.2561
Android (android.graphics.Color)	4280643215 (0xFF256E8F)
YUV	91.9350, 25.1750, -48.1780
Hunter-Lab	36.7809, -9.5425, -19.3927

Details

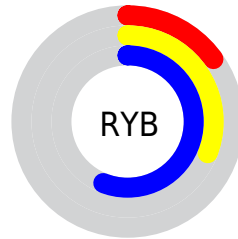
The Hex color **256E8F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8F4625**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **61A2C5**, and **003E5D** is the 20% darker color. If you saturate the color by 10%, you get **176A8F**, and if you desaturate by 10%, it is **33728F**.

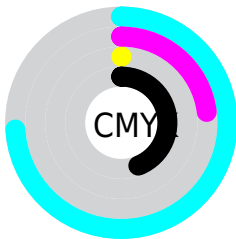
Distribution



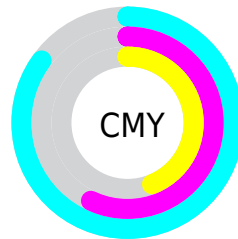
- Red (15%)
- Green (43%)
- Blue (56%)



- Red (15%)
- Yellow (31%)
- Blue (56%)



- Cyan (74%)
- Magenta (23%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256E8F 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 256E8F by changing the saturation by 10% instead.



256E8F



256E8F

FFFFFF



005675



61A2C5



003E5D



7DBDE1



002945



99D8FE



00152E



B6F5FF



000119



D3FFFF



000000



F0FFFF



256E8F



256E8F



176A8F



33728F

08658F

42778F

00628F

507B8F

5E808F

6D848F

7B898F

898D8F

97928F

A6968F

Harmonies

Analogous

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



007280



256E8F



4E6893

Triad

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



256E8F



915563



596D42

Complementary

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



256E8F



8F4625

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.



71673A



256E8F



90584E

Square

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



256E8F



875879



845F3F



3E7154

Rectangle

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



256E8F



65628F



845F3F



626B3E

Sweetspot

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



256E8F



91ADBA



258F45



46575E



DEDEDE



5E5E5E

Same Dimension

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



256E8F



1487BA



253A8F



404547



005D87



000508

Inverse Universe

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



8F256E



BA1487



8F7A25



474045



87005D



080005

Previews

White Background



This preview shows how the Hex color 256E8F looks on a white background.

Color Contrast Check

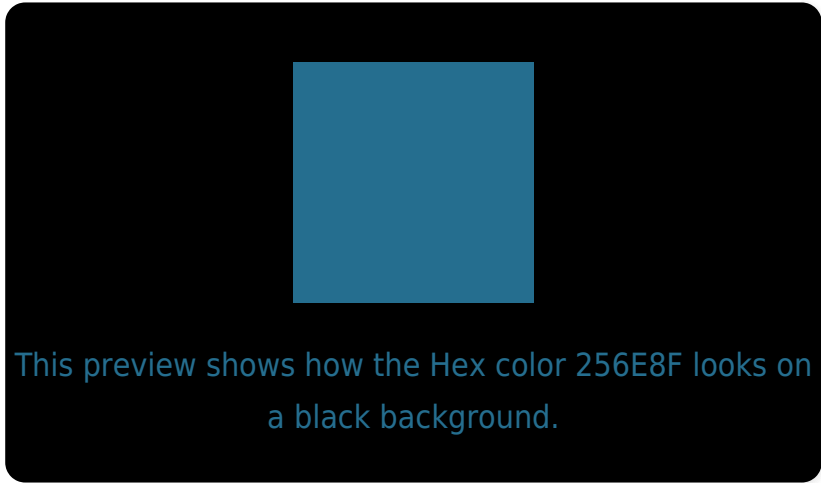
Large Text (above 18pt) WCAG AA ✓ Pass

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

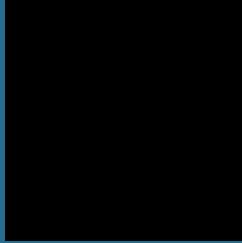
Any Text WCAG AA × Fail

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 256E8F Background



This preview shows how black text looks on a background with the Hex color 256E8F.



This preview shows how white text looks on a background with the Hex color 256E8F.

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](#).

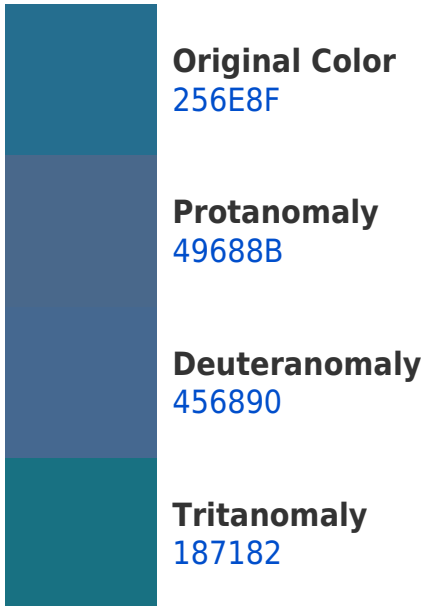
Dichromacy





Tritanopia
11727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 256E8F 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 #256E8F looks like.

```
.text, #text, p{  
    color:#256E8F  
}
```

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 #256E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256E8F
}
```

Border

The CSS property to change the border of an element to Hex 256E8F 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
#256E8F }
```

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

```
.border{ border-color:#256E8F }
```

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

Here you see how a box with a 4 pixel #256E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256E8F; -webkit-box-shadow:4px 4px  
4px 4px #256E8F; box-shadow:4px 4px 4px  
4px #256E8F }
```

Background

The CSS property to change the background color of an element to Hex 256E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256E8F }
```

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

```
.background{ background-color:#256E8F }
```

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