

Converting Colors

Hex(266E77)

Have a look what the booklet for
Hex(266E77) contains.

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Color

Hex(266E77)

Conversions

Conversions Part 1

Format	Color
Hex	266E77
RGB	38, 110, 119
RGB Percent	15%, 43%, 47%
CMY	0.8510, 0.5686, 0.5333
CMYK	0.68, 0.08, 0.00, 0.53
HSL	187°, 52%, 31%
HSV	187°, 68%, 47%
XYZ	9.7050, 12.8958, 19.4304
YIQ	89.4980, -45.8010, -12.4650

Conversions

Conversions Part 2

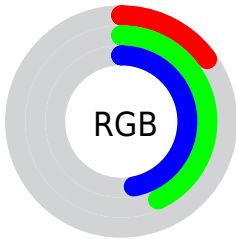
Format	Color
RYB	38, 76, 119
Decimal	2518647
CIELab	42.61, -18.91, -11.56
CIELCh	43, 22.163, 211.423
Yxy	12.8958, 0.2309, 0.3068
Android (android.graphics.Color)	4280708727 (0xFF266E77)
YUV	89.4980, 14.5445, -45.1637
Hunter-Lab	35.9108, -14.6035, -6.9428

Details

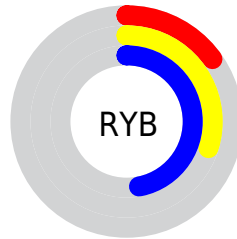
The Hex color **266E77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **772F26**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5EA2AB**, and **003E47** is the 20% darker color. If you saturate the color by 10%, you get **1A6D77**, and if you desaturate by 10%, it is **326F77**.

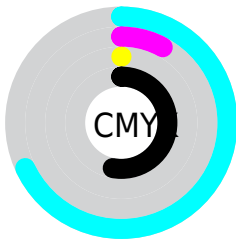
Distribution



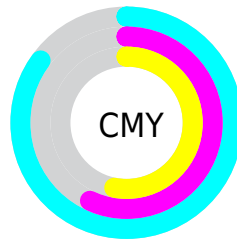
- Red (15%)
- Green (43%)
- Blue (47%)



- Red (15%)
- Yellow (30%)
- Blue (47%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (85%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 266E77 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 266E77 by changing the saturation by 10% instead.

■ 266E77

■ 266E77

FFFFFF

■ 00555E

■ 5EA2AB

■ 003E47

■ 79BDC6

■ 002830

■ 95D9E2

■ 00121C

■ B1F5FF

■ 000000

■ CDFFFF

■ EAFFFF

■ 266E77

■ 266E77

■ 1A6D77

■ 326F77

■ 0E6B77

■ 3E7177

■ 026A77

■ 4A7277

■ 006A77

■ 567377

■ 627577

■ 6D7677

■ 797777

■ 857977

■ 917A77

Harmonies

Analogous

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



326F65



266E77



326B84

Triad

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



266E77



7D5A76



706440

Complementary

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



266E77



772F26

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.



805D45



266E77



875764

Square

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



266E77



686084



885852



5D6945

Rectangle

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



266E77



446888



885852



766241

Sweetspot

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



266E77



7C989C



26772E



3C4D4F



CFCFCF



4F4F4F

Same Dimension

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



266E77



1C8D9C



264677



353A3B



006D7A



00DEFA

Inverse Universe

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



77266E



9C1C8D



775726



3B353A



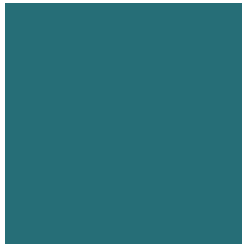
7A006D



FA00DE

Previews

White Background



This preview shows how the Hex color 266E77 looks on a white background.

Color Contrast Check

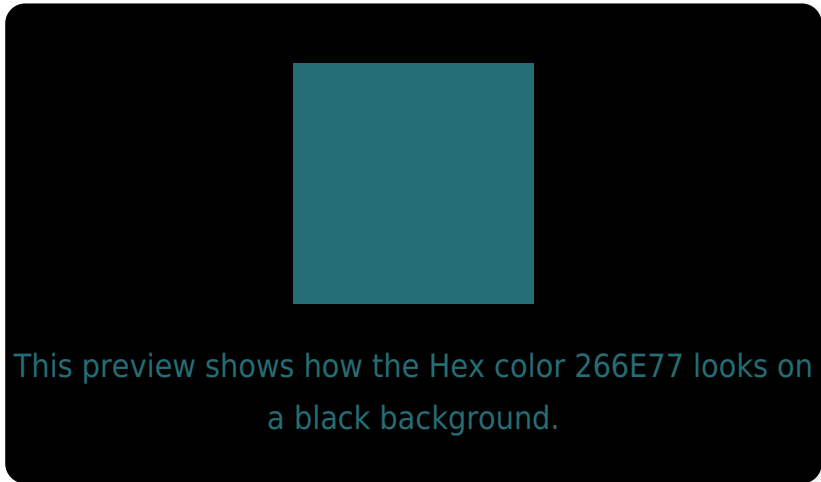
Large Text (above 18pt) WCAG AA ✓ Pass

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

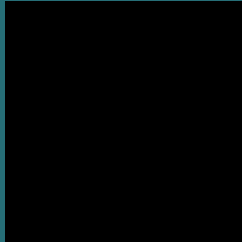
Any Text WCAG AA × Fail

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 266E77 Background



This preview shows how black text looks on a background with the Hex color 266E77.

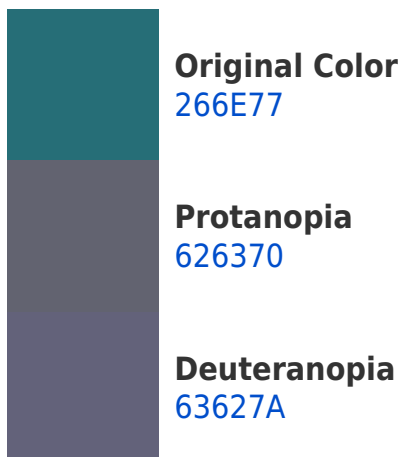


This preview shows how white text looks on a background with the Hex color 266E77.

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](#).

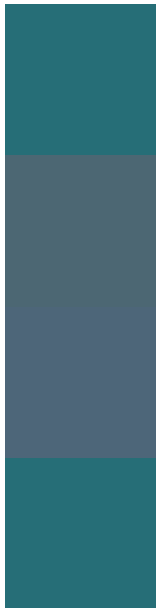
Dichromacy





Tritanopia
266E77

Trichromacy



Original Color
266E77

Protanomaly
4C6773

Deuteranomaly
4D6679

Tritanomaly
266E77

Monochromacy



Original Color
266E77

Achromatopsia
595959

Achromatomaly
466164

CSS Examples

Text

The CSS property to change the color of the text to Hex 266E77 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 #266E77 looks like.

```
.text, #text, p{  
    color:#266E77  
}
```

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 #266E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266E77  
}
```

Border

The CSS property to change the border of an element to Hex 266E77 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  
#266E77 }
```

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

```
.border{ border-color:#266E77 }
```

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

Here you see how a box with a 4 pixel #266E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266E77; -webkit-box-shadow:4px 4px  
4px 4px #266E77; box-shadow:4px 4px 4px  
4px #266E77 }
```

Background

The CSS property to change the background color of an element to Hex 266E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266E77 }
```

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

```
.background{ background-color:#266E77 }
```

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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