

Converting Colors

Hex(266E7A)

Have a look what the booklet for
Hex(266E7A) contains.

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Color

Hex(266E7A)

Conversions

Conversions Part 1

Format	Color
Hex	266E7A
RGB	38, 110, 122
RGB Percent	15%, 43%, 48%
CMY	0.8510, 0.5686, 0.5216
CMYK	0.69, 0.10, 0.00, 0.52
HSL	189°, 53%, 31%
HSV	189°, 69%, 48%
XYZ	9.8881, 12.9691, 20.3945
YIQ	89.8400, -46.7640, -11.5320

Conversions

Conversions Part 2

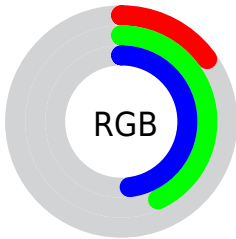
Format	Color
RYB	38, 77, 122
Decimal	2518650
CIELab	42.72, -17.93, -13.20
CIELCh	43, 22.263, 216.353
Yxy	12.9691, 0.2286, 0.2999
Android (android.graphics.Color)	4280708730 (0xFF266E7A)
YUV	89.8400, 15.8549, -45.4637
Hunter-Lab	36.0126, -14.0106, -8.3680

Details

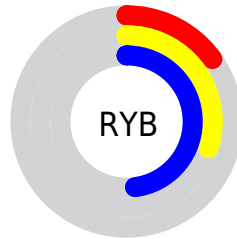
The Hex color **266E7A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A3226**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5FA2AE**, and **003E49** is the 20% darker color. If you saturate the color by 10%, you get **1A6C7A**, and if you desaturate by 10%, it is **32707A**.

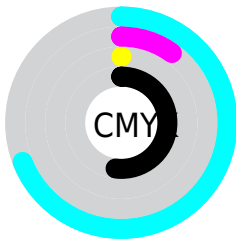
Distribution



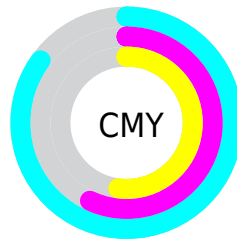
- Red (15%)
- Green (43%)
- Blue (48%)



- Red (15%)
- Yellow (30%)
- Blue (48%)



- Cyan (69%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (85%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 266E7A 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 266E7A by changing the saturation by 10% instead.

■ 266E7A

■ 266E7A

FFFFFF

■ 005561

■ 5FA2AE

■ 003E49

■ 7ABDCA

■ 002833

■ 95D9E6

■ 00121E

■ B1F5FF

■ 000002

■ CEFFFF

■ 000000

■ EBFFFF

■ 266E7A

■ 266E7A

■ 1A6C7A

■ 32707A

■ 0E6B7A

■ 3E717A

■ 01697A

■ 4B737A

■ 00697A

■ 57757A

■ 63777A

■ 6F787A

■ 7B7A7A

■ 887C7A

■ 947E7A

Harmonies

Analogous

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



2F6F68



266E7A



366B86

Triad

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



266E7A



7F5974



6E6540

Complementary

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



266E7A



7A3226

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.



7E5F44



266E7A



895762

Square

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



266E7A



6C5F82



885950



5A6A47

Rectangle

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



266E7A



496789



885950



746340

Sweetspot

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



266E7A



7D999E



267A31



3B4C4F



CFCFCF



4F4F4F

Same Dimension

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



266E7A



1B8B9E



26457A



373C3D



006B7D



00D8FC

Inverse Universe

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



7A266E



9E1B8B



7A5B26



3D373C



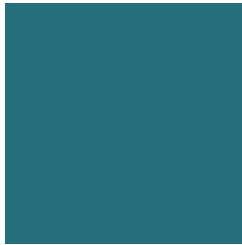
7D006B



FC00D8

Previews

White Background



This preview shows how the Hex color 266E7A looks on a white background.

Color Contrast Check

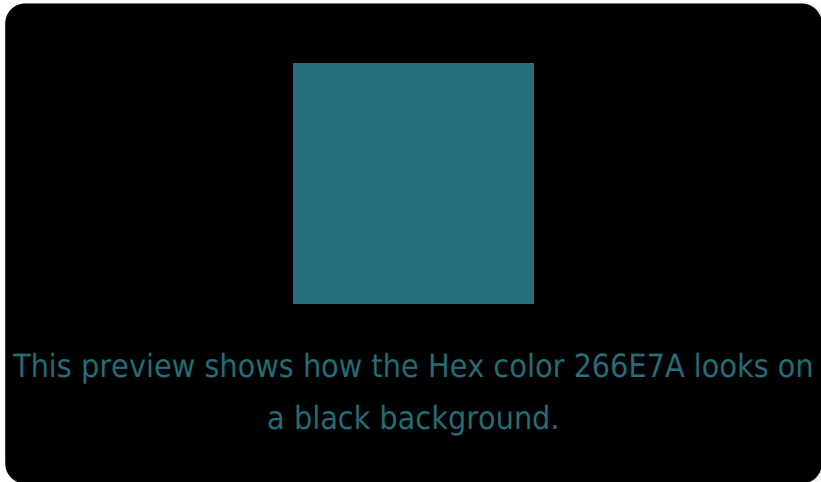
Large Text (above 18pt) WCAG AA ✓ Pass

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

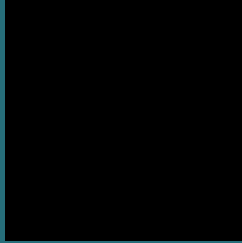
Any Text WCAG AA × Fail

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 266E7A Background



This preview shows how black text looks on a background with the Hex color 266E7A.

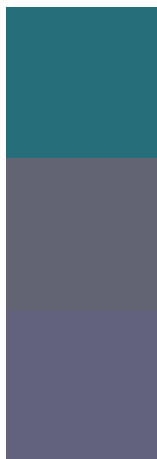


This preview shows how white text looks on a background with the Hex color 266E7A.

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



Original Color
266E7A

Protanopia
626473

Deuteranopia
62627D



Tritanopia
246E77

Trichromacy



Original Color
266E7A

Protanomaly
4C6876

Deuteranomaly
4C667C

Tritanomaly
256E78

Monochromacy



Original Color
266E7A

Achromatopsia
5A5A5A

Achromatomaly
476166

CSS Examples

Text

The CSS property to change the color of the text to Hex 266E7A 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 #266E7A looks like.

```
.text, #text, p{  
    color:#266E7A  
}
```

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 #266E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266E7A
}
```

Border

The CSS property to change the border of an element to Hex 266E7A 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".

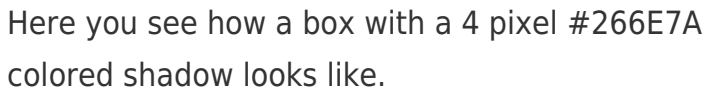
```
.border, #border, table{ border:4px solid
#266E7A }
```

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

```
.border{ border-color:#266E7A }
```

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

Here you see how a box with a 4 pixel #266E7A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266E7A; -webkit-box-shadow:4px 4px  
4px 4px #266E7A; box-shadow:4px 4px 4px  
4px #266E7A }
```

Background

The CSS property to change the background color of an element to Hex 266E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266E7A }
```

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

```
.background{ background-color:#266E7A }
```

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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