

Converting Colors

Hex(266C76)

Have a look what the booklet for
Hex(266C76) contains.

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Color

Hex(266C76)

Conversions

Conversions Part 1

Format	Color
Hex	266C76
RGB	38, 108, 118
RGB Percent	15%, 42%, 46%
CMY	0.8510, 0.5765, 0.5373
CMYK	0.68, 0.08, 0.00, 0.54
HSL	188°, 51%, 31%
HSV	188°, 68%, 46%
XYZ	9.4319, 12.4452, 19.0446
YIQ	88.2100, -44.9300, -11.7300

Conversions

Conversions Part 2

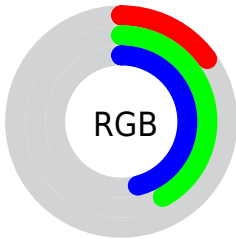
Format	Color
RYB	38, 75, 118
Decimal	2518134
CIELab	41.92, -18.15, -12.00
CIElCh	42, 21.755, 213.464
Yxy	12.4452, 0.2305, 0.3041
Android (android.graphics.Color)	4280708214 (0xFF266C76)
YUV	88.2100, 14.6865, -44.0342
Hunter-Lab	35.2778, -14.0121, -7.3131




Details

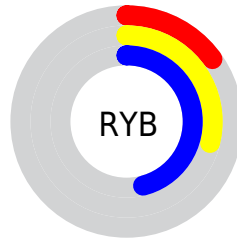
The Hex color **266C76** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **763026**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **5EA0AA**, and **003C46** is the 20% darker color. If you saturate the color by 10%, you get **1A6B76**, and if you desaturate by 10%, it is **326D76**.

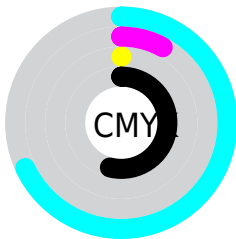
Distribution







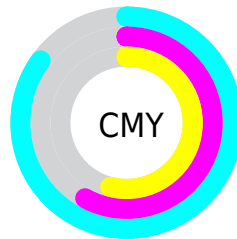
-  Red (15%)
-  Green (42%)
-  Blue (46%)






-  Red (15%)
-  Yellow (29%)
-  Blue (46%)



-  Cyan (68%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (85%)
-  Magenta (58%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 266C76 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 266C76 by changing the saturation by 10% instead.

 266C76

 266C76

FFFFFF

 00545D

 5EA0AA

 003C46

 79BBC5

 00262F

 94D7E1

 000E1B

 B0F3FE

 000000

 CDFFFF

 EAFFFF

 266C76

 266C76

 1A6B76

 326D76

■ 0E6976

■ 3E6F76

■ 036876

■ 497076

■ 006776

■ 557276

■ 617376

■ 6D7576

■ 797676

■ 847876

■ 907976

Harmonies

Analogous

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



316D64



266C76



336982

Triad

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



266C76



7B5873



6D623F

Complementary

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



266C76



763026

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.



7C5C43



266C76



855561

Square

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



266C76



685E81



855750



5A6845

Rectangle

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



266C76



456686



855750



73603F

Sweetspot

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



266C76



7A9599



26762F



3A4A4D



CCCCCC



4D4D4D

Same Dimension

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



266C76



1D8A99



264576



353A3B



006B7A



00DBFA

Inverse Universe

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



76266C



991D8A



765726



3B353A



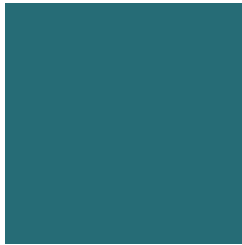
7A006B



FA00DB

Previews

White Background



This preview shows how the Hex color 266C76 looks on a white background.

Color Contrast Check

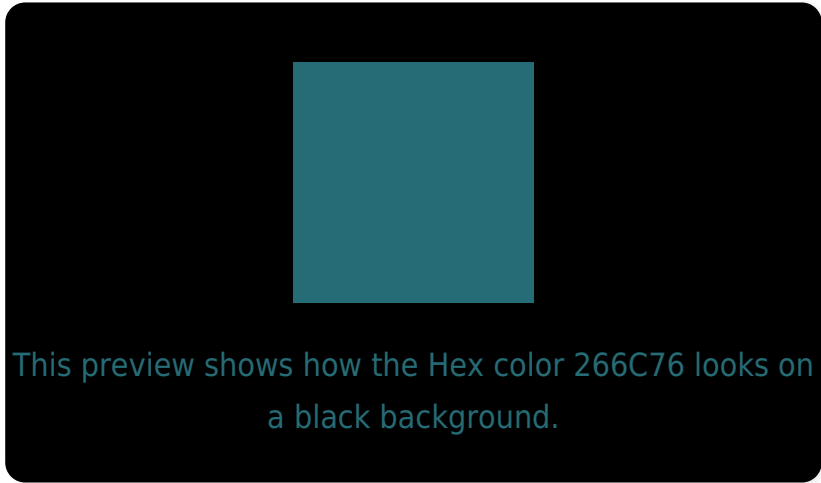
Large Text (above 18pt) WCAG AA ✓ Pass

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

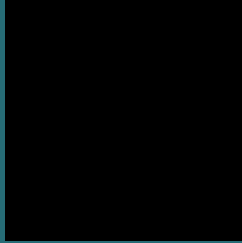
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

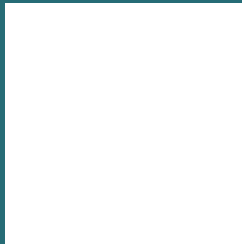
Any Text WCAG AAA × Fail

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

Hex 266C76 Background



This preview shows how black text looks on a background with the Hex color 266C76.

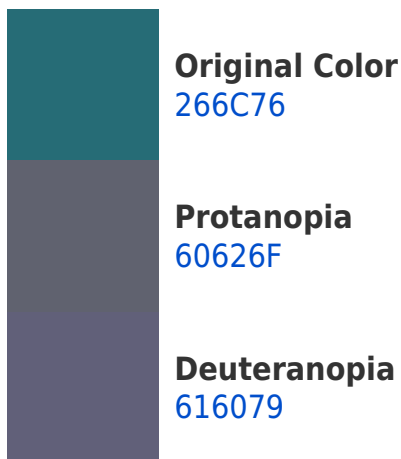


This preview shows how white text looks on a background with the Hex color 266C76.

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](#).

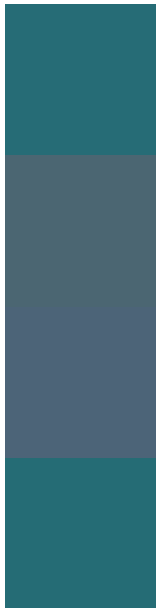
Dichromacy





Tritanopia
256C75

Trichromacy



Original Color
266C76

Protanomaly
4B6672

Deuteranomaly
4C6478

Tritanomaly
256C75

Monochromacy



Original Color
266C76

Achromatopsia
585858

Achromatomaly
465F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 266C76 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 #266C76 looks like.

```
.text, #text, p{  
    color:#266C76  
}
```

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 #266C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266C76  
}
```

Border

The CSS property to change the border of an element to Hex 266C76 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  
#266C76 }
```

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

```
.border{ border-color:#266C76 }
```

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

Here you see how a box with a 4 pixel #266C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266C76; -webkit-box-shadow:4px 4px  
4px 4px #266C76; box-shadow:4px 4px 4px  
4px #266C76 }
```

Background

The CSS property to change the background color of an element to Hex 266C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266C76 }
```

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

```
.background{ background-color:#266C76 }
```

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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