

Converting Colors

Hex(106C8E)

Have a look what the booklet for
Hex(106C8E) contains.

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Color

Hex(106C8E)

Conversions

Conversions Part 1

Format	Color
Hex	106C8E
RGB	16, 108, 142
RGB Percent	6%, 42%, 56%
CMY	0.9373, 0.5765, 0.4431
CMYK	0.89, 0.24, 0.00, 0.44
HSL	196°, 80%, 31%
HSV	196°, 89%, 56%
XYZ	10.4587, 12.7883, 27.5083
YIQ	84.3680, -65.7460, -8.9300

Conversions

Conversions Part 2

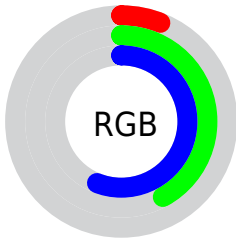
Format	Color
R_{YB}	16, 69, 142
Decimal	1076366
CIE _{Lab}	42.44, -12.31, -25.67
CIE _{LCh}	42, 28.470, 244.383
Yxy	12.7883, 0.2061, 0.2520
Android (android.graphics.Color)	4279266446 (0xFF106C8E)
YUV	84.3680, 28.4126, -59.9587
Hunter-Lab	35.7607, -10.3763, -20.5754

Details

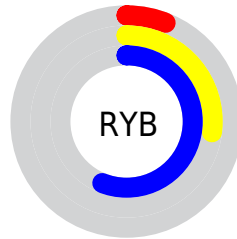
The Hex color **106C8E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E3210**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **569FC4**, and **003D5C** is the 20% darker color. If you saturate the color by 10%, you get **02688E**, and if you desaturate by 10%, it is **1E708E**.

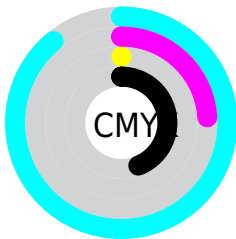
Distribution



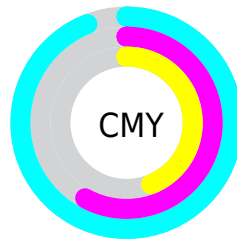
- Red (6%)
- Green (42%)
- Blue (56%)



- Red (6%)
- Yellow (27%)
- Blue (56%)



- Cyan (89%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (94%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 106C8E 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 106C8E by changing the saturation by 10% instead.

 106C8E

 106C8E

FFFFFF

 005474

 569FC4

 003D5C

 73BAE0

 002744

 90D6FD

 00122D

 ACF3FF

 000118

 C9FFFF

 000000

 E7FFFF

 106C8E

 106C8E

 02688E

 1E708E

■ 00688E

■ 2C748E

■ 3B778E

■ 497B8E

■ 577F8E

■ 65838E

■ 73878E

■ 828B8E

■ 908E8E

Harmonies

Analogous

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



00707E



106C8E



466593

Triad

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



106C8E



905162



576B3C

Complementary

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



106C8E



8E3210

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.



706435



106C8E



90544B

Square

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



106C8E



845579



845C3A



3A6F4F

Rectangle

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



106C8E



60608F



845C3A



606938

Sweetspot

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



106C8E



86AAB8



108E32



3E545C



DBDBDB



5C5C5C

Same Dimension

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



106C8E



0086B8



102D8E



404547



006387



000608

Inverse Universe

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



8E106C



B80086



8E7110



474045



870063



080006

Previews

White Background



This preview shows how the Hex color 106C8E looks on a white background.

Color Contrast Check

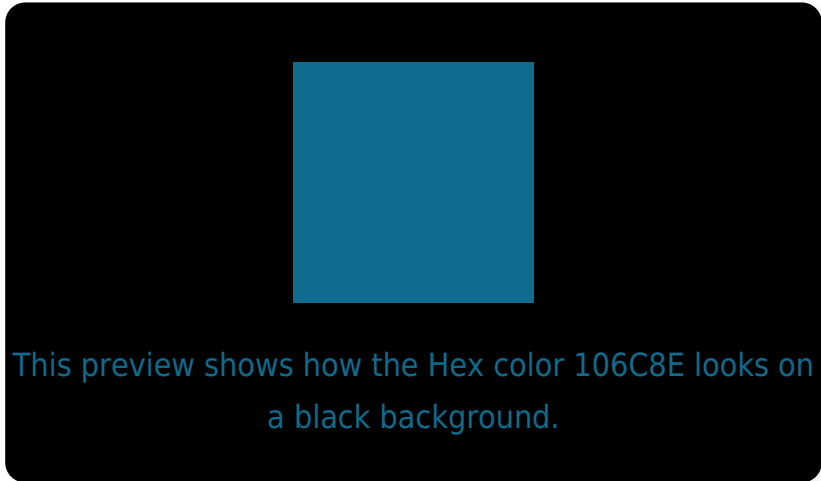
Large Text (above 18pt) WCAG AA ✓ Pass

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

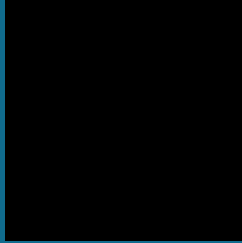
Any Text WCAG AA × Fail

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 106C8E Background



This preview shows how black text looks on a background with the Hex color 106C8E.



This preview shows how white text looks on a background with the Hex color 106C8E.

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](#).

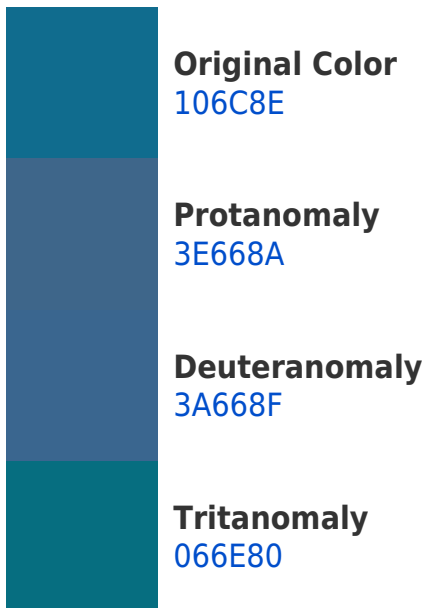
Dichromacy



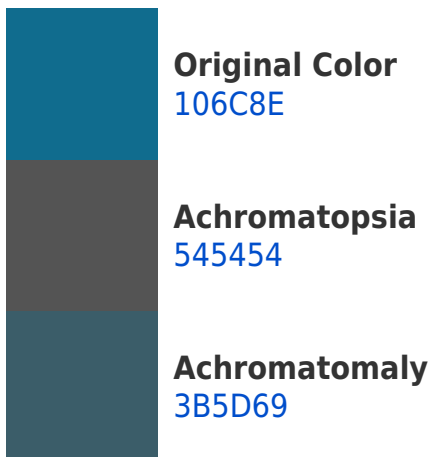


Tritanopia
006F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 106C8E 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 #106C8E looks like.

```
.text, #text, p{  
    color:#106C8E  
}
```

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 #106C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106C8E
}
```

Border

The CSS property to change the border of an element to Hex 106C8E 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
#106C8E }
```

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

```
.border{ border-color:#106C8E }
```

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

Here you see how a box with a 4 pixel #106C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106C8E; -webkit-box-shadow:4px 4px  
4px 4px #106C8E; box-shadow:4px 4px 4px  
4px #106C8E }
```

Background

The CSS property to change the background color of an element to Hex 106C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106C8E }
```

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

```
.background{ background-color:#106C8E }
```

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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