

Converting Colors

Hex(106E70)

Have a look what the booklet for
Hex(106E70) contains.

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Color

Hex(106E70)

Conversions

Conversions Part 1

Format	Color
Hex	106E70
RGB	16, 110, 112
RGB Percent	6%, 43%, 44%
CMY	0.9373, 0.5686, 0.5608
CMYK	0.86, 0.02, 0.00, 0.56
HSL	181°, 75%, 25%
HSV	181°, 86%, 44%
XYZ	8.7142, 12.4319, 17.2695
YIQ	82.1220, -56.6660, -19.3060

Conversions

Conversions Part 2

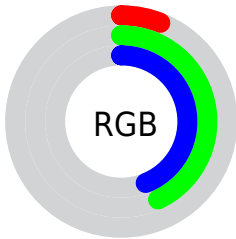
Format	Color
R_{YB}	16, 63, 112
Decimal	1076848
CIE _{Lab}	41.89, -24.09, -8.44
CIE _{LCh}	42, 25.523, 199.316
Yxy	12.4319, 0.2268, 0.3236
Android (android.graphics.Color)	4279266928 (0xFF106E70)
YUV	82.1220, 14.7299, -57.9890
Hunter-Lab	35.2589, -17.5866, -4.3586

Details

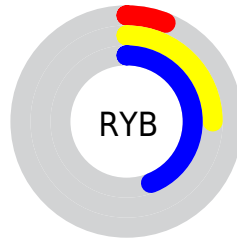
The Hex color **106E70** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **701210**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **51A2A4**, and **003E40** is the 20% darker color. If you saturate the color by 10%, you get **056E70**, and if you desaturate by 10%, it is **1B6E70**.

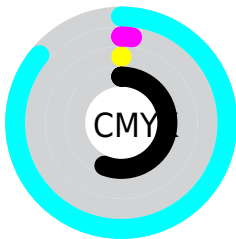
Distribution



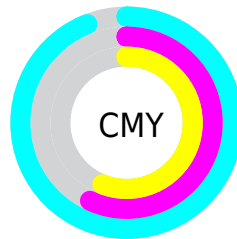
- Red (6%)
- Green (43%)
- Blue (44%)



- Red (6%)
- Yellow (25%)
- Blue (44%)



- Cyan (86%)
- Magenta (2%)
- Yellow (0%)
- Black (56%)



- Cyan (94%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 106E70 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 106E70 by changing the saturation by 10% instead.

 106E70

 106E70

FFFFFF

 005558

 51A2A4

 003E40

 6DBDBF

 00272A

 89D9DB

 000E16

 A5F6F7

 000000

 C2FFFF

 DFFFFFF

 FFFFFFF

 106E70

 106E70

■ 056E70

■ 1B6E70

■ 006E70

■ 266E70

■ 326F70

■ 3D6F70

■ 486F70

■ 536F70

■ 5E7070

■ 6A7070

■ 757070

Harmonies

Analogous

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



306E5A



106E70



106C82

Triad

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



106E70



76597E



775F3A

Complementary

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



106E70



701210

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.



865844



106E70



87536B

Square

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



106E70



5A608A



8C5356



63663B

Rectangle

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



106E70



2A698A



8C5356



7D5D3C

Sweetspot

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



106E70



6C9191



107012



33494A



C9C9C9



4A4A4A

Same Dimension

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



106E70



008E91



103E70



323838



007578



00F2F7

Inverse Universe

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



70106E



91008E



704210



383238



780075



F700F2

Previews

White Background



This preview shows how the Hex color 106E70 looks on a white background.

Color Contrast Check

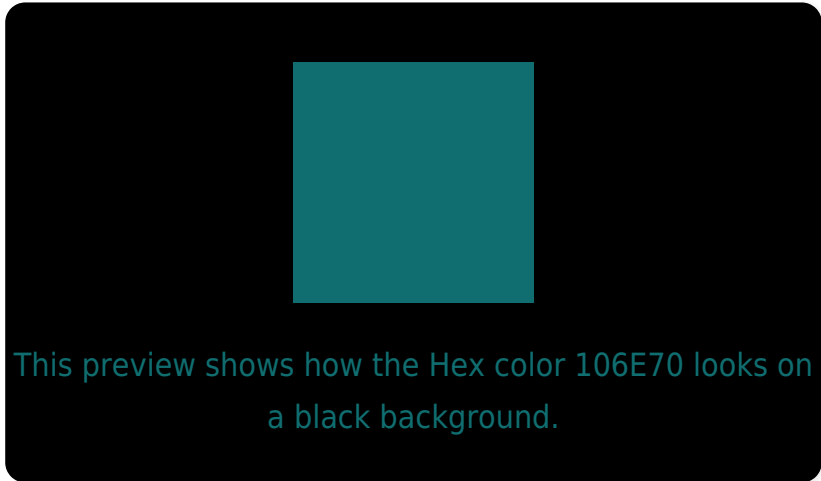
Large Text (above 18pt) WCAG AA ✓ Pass

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

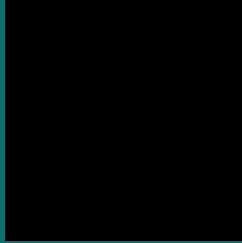
Any Text WCAG AA × Fail

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 106E70 Background



This preview shows how black text looks on a background with the Hex color 106E70.



This preview shows how white text looks on a background with the Hex color 106E70.

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
106E70

Protanopia
626268

Deuteranopia
646073



Tritanopia
176D76

Trichromacy



Original Color
106E70

Protanomaly
44666B

Deuteranomaly
456572

Tritanomaly
146D74

Monochromacy



Original Color
106E70

Achromatopsia
525252

Achromatomaly
3A5C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 106E70 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 #106E70 looks like.

```
.text, #text, p{  
    color:#106E70  
}
```

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 #106E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106E70  
}
```

Border

The CSS property to change the border of an element to Hex 106E70 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  
#106E70 }
```

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

```
.border{ border-color:#106E70 }
```

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

Here you see how a box with a 4 pixel #106E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106E70; -webkit-box-shadow:4px 4px  
4px 4px #106E70; box-shadow:4px 4px 4px  
4px #106E70 }
```

Background

The CSS property to change the background color of an element to Hex 106E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106E70 }
```

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

```
.background{ background-color:#106E70 }
```

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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