

Converting Colors

Hex(106D86)

Have a look what the booklet for
Hex(106D86) contains.

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Color

Hex(106D86)

Conversions

Conversions Part 1

Format	Color
Hex	106D86
RGB	16, 109, 134
RGB Percent	6%, 43%, 53%
CMY	0.9373, 0.5725, 0.4745
CMYK	0.88, 0.19, 0.00, 0.47
HSL	193°, 79%, 29%
HSV	193°, 88%, 53%
XYZ	9.9854, 12.7687, 24.4926
YIQ	84.0430, -63.4530, -11.9410

Conversions

Conversions Part 2

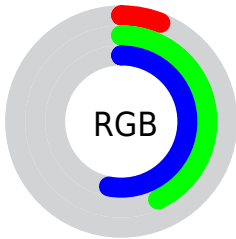
Format	Color
RYB	16, 68, 134
Decimal	1076614
CIELab	42.41, -15.85, -20.92
CIELCh	42, 26.249, 232.853
Yxy	12.7687, 0.2113, 0.2703
Android (android.graphics.Color)	4279266694 (0xFF106D86)
YUV	84.0430, 24.6288, -59.6737
Hunter-Lab	35.7333, -12.6527, -15.6257

Details

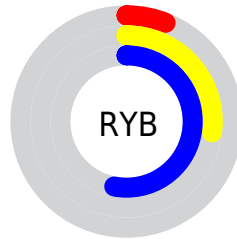
The Hex color **106D86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **862910**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **55A1BB**, and **003D54** is the 20% darker color. If you saturate the color by 10%, you get **036A86**, and if you desaturate by 10%, it is **1D7086**.

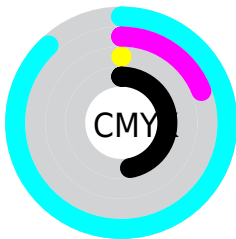
Distribution



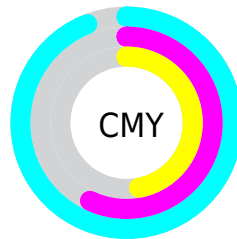
- Red (6%)
- Green (43%)
- Blue (53%)



- Red (6%)
- Yellow (27%)
- Blue (53%)



- Cyan (88%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (94%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 106D86 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 106D86 by changing the saturation by 10% instead.

■ 106D86

■ 106D86

FFFFFF

■ 00556D

■ 55A1BB

■ 003D54

■ 71BCD7

■ 00273D

■ 8ED7F3

■ 001227

■ AAF4FF

■ 000111

■ C7FFFF

■ 000000

■ E4FFFF

■ 106D86

■ 106D86

■ 036A86

■ 1D7086

■ 006A86

■ 2B7386

■ 387686

■ 467886

■ 537B86

■ 607E86

■ 6E8186

■ 7B8486

■ 898786

Harmonies

Analogous

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



056F74



106D86



3B688F

Triad

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



106D86



8A546A



61683B

Complementary

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



106D86



862910

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.



776139



106D86



8E5454

Square

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



106D86



7A597E



875A42



486D49

Rectangle

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



106D86



54638E



875A42



696639

Sweetspot

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



106D86



80A4AD



108628



3C5157



D6D6D6



575757

Same Dimension

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



106D86



0089AD



103386



3C4142



006682



000203

Inverse Universe

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



86106D



AD0089



866310



423C41



820066



030002

Previews

White Background



This preview shows how the Hex color 106D86 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



This preview shows how the Hex color 106D86 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

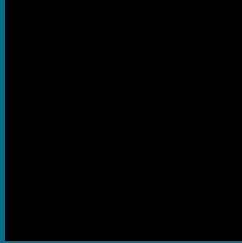
Any Text WCAG AA × Fail

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 106D86 Background



This preview shows how black text looks on a background with the Hex color 106D86.

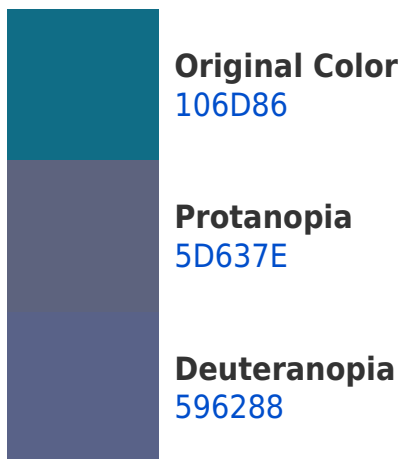


This preview shows how white text looks on a background with the Hex color 106D86.

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



Original Color
106D86

Protanomaly
416781

Deuteranomaly
3E6687

Tritanomaly
066E7D

Monochromacy



Original Color
106D86

Achromatopsia
545454

Achromatomaly
3B5D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 106D86 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 #106D86 looks like.

```
.text, #text, p{  
    color:#106D86  
}
```

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 #106D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106D86
}
```

Border

The CSS property to change the border of an element to Hex 106D86 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
#106D86 }
```

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

```
.border{ border-color:#106D86 }
```

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

Here you see how a box with a 4 pixel #106D86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106D86; -webkit-box-shadow:4px 4px  
4px 4px #106D86; box-shadow:4px 4px 4px  
4px #106D86 }
```

Background

The CSS property to change the background color of an element to Hex 106D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106D86 }
```

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

```
.background{ background-color:#106D86 }
```

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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