

Converting Colors

Hex(066C86)

Have a look what the booklet for
Hex(066C86) contains.

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Color

Hex(066C86)

Conversions

Conversions Part 1

Format	Color
Hex	066C86
RGB	6, 108, 134
RGB Percent	2%, 42%, 53%
CMY	0.9765, 0.5765, 0.4745
CMYK	0.96, 0.19, 0.00, 0.47
HSL	192°, 91%, 27%
HSV	192°, 96%, 53%
XYZ	9.7407, 12.4851, 24.4507
YIQ	80.4660, -69.1380, -13.5380

Conversions

Conversions Part 2

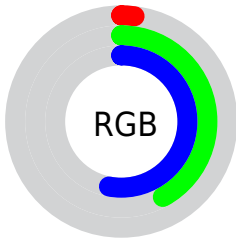
Format	Color
R _{YB}	6, 63, 134
Decimal	420998
CIE _{Lab}	41.98, -15.92, -21.60
CIE _{LCh}	42, 26.834, 233.622
Y _{xy}	12.4851, 0.2087, 0.2675
Android (android.graphics.Color)	4278611078 (0xFF066C86)
Y _{UV}	80.4660, 26.3923, -65.3067
Hunter-Lab	35.3342, -12.6270, -16.2938

Details

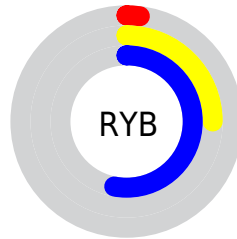
The Hex color **066C86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **862006**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **52A0BB**, and **003C54** is the 20% darker color. If you saturate the color by 10%, you get **006B86**, and if you desaturate by 10%, it is **136F86**.

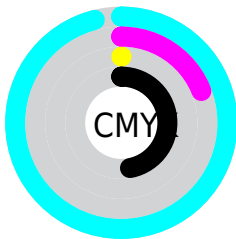
Distribution



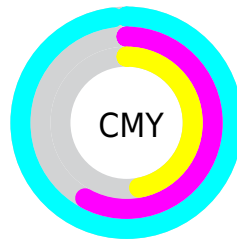
- Red (2%)
- Green (42%)
- Blue (53%)



- Red (2%)
- Yellow (25%)
- Blue (53%)



- Cyan (96%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (98%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066C86 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 066C86 by changing the saturation by 10% instead.

 066C86

 066C86

FFFFFF

 00546D


 52A0BB

 003C54

 6FBBD7

 00263D

 8BD6F4

 000F27

 A8F3FF

 000111

 C5FFFF

 000000

 E2FFFF

 066C86

 066C86

 006B86

 136F86

■ 217186

■ 2E7486

■ 3C7786

■ 497A86

■ 567C86

■ 647F86

■ 718286

■ 7F8486

Harmonies

Analogous

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



006F74



066C86



39678F

Triad

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



066C86



8A5269



60673A

Complementary

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



066C86



862006

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.



766037



066C86



8E5352

Square

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



066C86



7A577D



865840



466C48

Rectangle

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



066C86



53628E



865840



676537

Sweetspot

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



066C86



7BA3AD



068620



385157



D6D6D6



575757

Same Dimension

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



066C86



008AAD



062C86



3C4142



006882



000203

Inverse Universe

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



86066C



AD008A



866006



423C41



820068



030002

Previews

White Background



This preview shows how the Hex color 066C86 looks on a white background.

Color Contrast Check

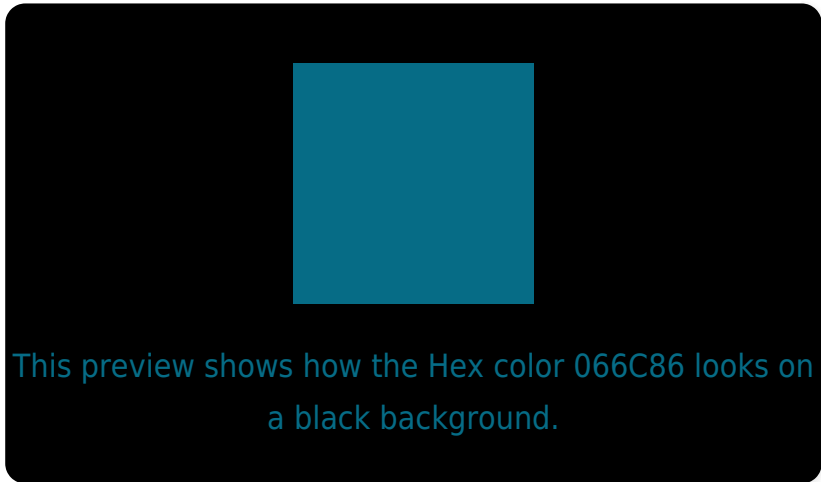
Large Text (above 18pt) WCAG AA ✓ Pass

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

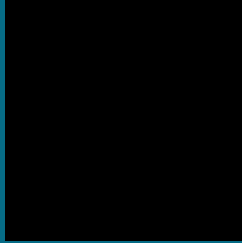
Any Text WCAG AA × Fail

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 066C86 Background



This preview shows how black text looks on a background with the Hex color 066C86.

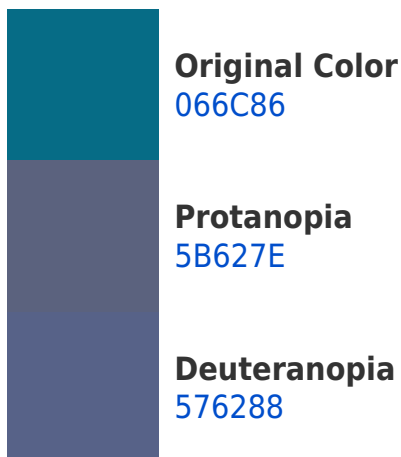


This preview shows how white text looks on a background with the Hex color 066C86.

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
006E76

Trichromacy



Original Color
066C86

Protanomaly
3C6681

Deuteranomaly
3A6687

Tritanomaly
026D7C

Monochromacy



Original Color
066C86

Achromatopsia
505050

Achromatomaly
355A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 066C86 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 #066C86 looks like.

```
.text, #text, p{  
    color:#066C86  
}
```

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 #066C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066C86
}
```

Border

The CSS property to change the border of an element to Hex 066C86 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
#066C86 }
```

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

```
.border{ border-color:#066C86 }
```

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

Here you see how a box with a 4 pixel #066C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066C86; -webkit-box-shadow:4px 4px  
4px 4px #066C86; box-shadow:4px 4px 4px  
4px #066C86 }
```

Background

The CSS property to change the background color of an element to Hex 066C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066C86 }
```

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

```
.background{ background-color:#066C86 }
```

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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