

Converting Colors

Hex(036C8B)

Have a look what the booklet for
Hex(036C8B) contains.

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Color

Hex(036C8B)

Conversions

Conversions Part 1

Format	Color
Hex	036C8B
RGB	3, 108, 139
RGB Percent	1%, 42%, 55%
CMY	0.9882, 0.5765, 0.4549
CMYK	0.98, 0.22, 0.00, 0.45
HSL	194°, 96%, 28%
HSV	194°, 98%, 55%
XYZ	10.0603, 12.6086, 26.3296
YIQ	80.1390, -72.5310, -12.6190

Conversions

Conversions Part 2

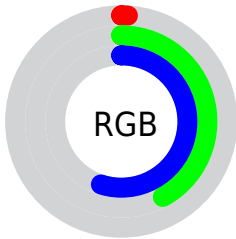
Format	Color
RYB	3, 62, 139
Decimal	224395
CIELab	42.17, -14.21, -24.31
CIELCh	42, 28.159, 239.704
Yxy	12.6086, 0.2053, 0.2573
Android (android.graphics.Color)	4278414475 (0xFF036C8B)
YUV	80.1390, 29.0185, -67.6509
Hunter-Lab	35.5085, -11.5671, -19.1075

Details

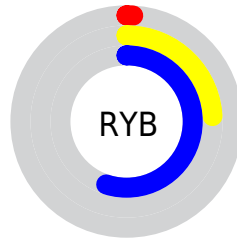
The Hex color **036C8B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8B2203**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **529FC1**, and **003D59** is the 20% darker color. If you saturate the color by 10%, you get **006B8B**, and if you desaturate by 10%, it is **116F8B**.

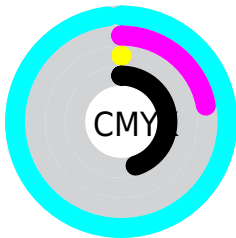
Distribution



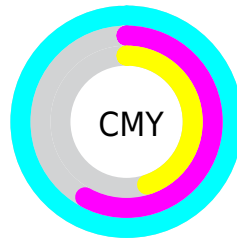
- Red (1%)
- Green (42%)
- Blue (55%)



- Red (1%)
- Yellow (24%)
- Blue (55%)



- Cyan (98%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (99%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 036C8B 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 036C8B by changing the saturation by 10% instead.

 036C8B

 036C8B

FFFFFF

 005471

 529FC1

 003D59

 6FBADD

 002741

 8CD6F9

 00112B

 A8F3FF

 000116

 C5FFFF

 000000

 E3FFFF

 036C8B

 036C8B

 006B8B

 116F8B

■ 1F728B

■ 2D768B

■ 3B798B

■ 497C8B

■ 567F8B

■ 64828B

■ 72858B

■ 80898B

Harmonies

Analogous

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



006F7A



036C8B



3F6692

Triad

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



036C8B



8E5165



5B693A

Complementary

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



036C8B



8B2203

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.



726234



036C8B



8F534E

Square

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



036C8B



80557B



855A3C



3E6E4B

Rectangle

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



036C8B



5A608F



855A3C



636737

Sweetspot

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



036C8B



81A9B5



038B20



3C545C



DBDBDB



5C5C5C

Same Dimension

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



036C8B



008CB5



032A8B



3E4345



006685



000405

Inverse Universe

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



8B036C



B5008C



8B6403



453E43



850066



050004

Previews

White Background



This preview shows how the Hex color 036C8B looks on a white background.

Color Contrast Check

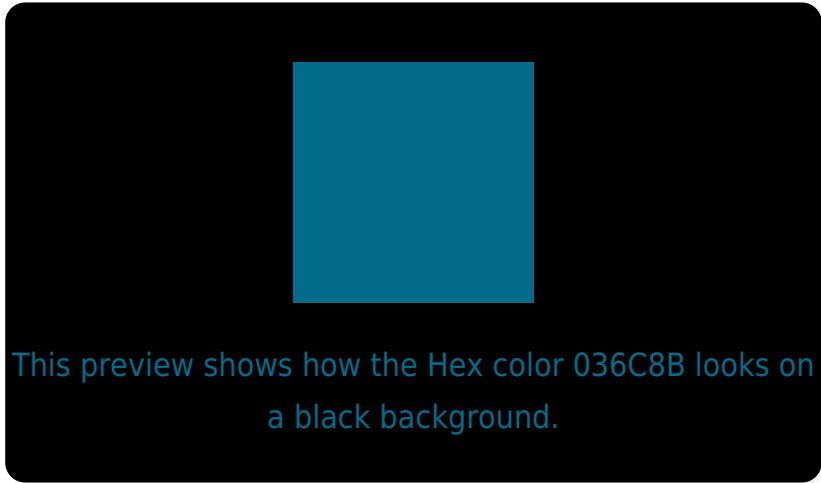
Large Text (above 18pt) WCAG AA ✓ Pass

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

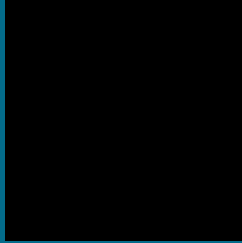
Any Text WCAG AA × Fail

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 036C8B Background



This preview shows how black text looks on a background with the Hex color 036C8B.

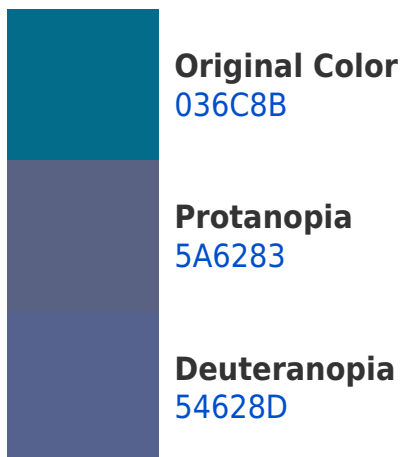


This preview shows how white text looks on a background with the Hex color 036C8B.

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](#).

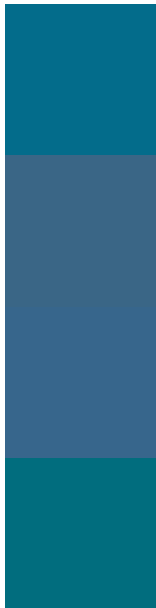
Dichromacy





Tritanopia
006E77

Trichromacy



Original Color
036C8B

Protanomaly
3A6686

Deuteranomaly
37668C

Tritanomaly
016D7E

Monochromacy



Original Color
036C8B

Achromatopsia
505050

Achromatomaly
345A65

CSS Examples

Text

The CSS property to change the color of the text to Hex 036C8B 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 #036C8B looks like.

```
.text, #text, p{  
    color:#036C8B  
}
```

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 #036C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036C8B
}
```

Border

The CSS property to change the border of an element to Hex 036C8B 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
#036C8B }
```

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

```
.border{ border-color:#036C8B }
```

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

Here you see how a box with a 4 pixel #036C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036C8B; -webkit-box-shadow:4px 4px  
4px 4px #036C8B; box-shadow:4px 4px 4px  
4px #036C8B }
```

Background

The CSS property to change the background color of an element to Hex 036C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036C8B }
```

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

```
.background{ background-color:#036C8B }
```

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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