

# Converting Colors

Hex(066189)

Have a look what the booklet for  
Hex(066189) contains.

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# Color

Hex(066189)

# Conversions

## Conversions Part 1

Format	Color
Hex	066189
RGB	6, 97, 137
RGB Percent	2%, 38%, 54%
CMY	0.9765, 0.6196, 0.4627
CMYK	0.96, 0.29, 0.00, 0.46
HSL	198°, 92%, 28%
HSV	198°, 96%, 54%
XYZ	8.8652, 10.3942, 25.2060
YIQ	74.3510, -67.0760, -6.8520

# Conversions

## Conversions Part 2

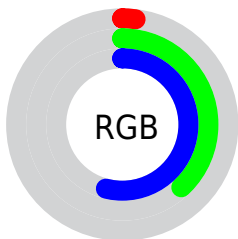
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 60, 137
Decimal	418185
CIELab	38.54, -8.34, -28.77
CIELCh	39, 29.951, 253.838
Yxy	10.3942, 0.1994, 0.2338
Android (android.graphics.Color)	4278608265 (0xFF066189)
YUV	74.3510, 30.8860, -59.9438
Hunter-Lab	32.2401, -7.3375, -23.7860

# Details

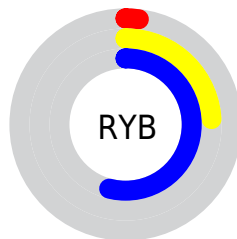
The Hex color **066189** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **892E06**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5293BF**, and **003357** is the 20% darker color. If you saturate the color by 10%, you get **005F89**, and if you desaturate by 10%, it is **146589**.

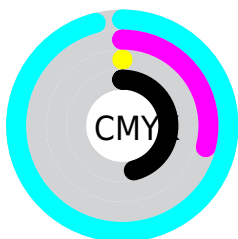
# Distribution



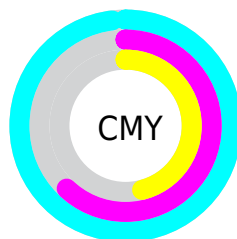
- Red (2%)
- Green (38%)
- Blue (54%)



- Red (2%)
- Yellow (24%)
- Blue (54%)



- Cyan (96%)
- Magenta (29%)
- Yellow (0%)
- Black (46%)



- Cyan (98%)
- Magenta (62%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 066189 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 066189 by changing the saturation by 10% instead.



066189

066189

FFFFFF

00496F

5293BF

003357

6EAEDB

001E3F

8BC9F7

000329

A7E5FF

000113

C4FFFF

000000

E1FFFF

066189

066189

005F89

146589

■ 216989

■ 2F6E89

■ 3D7289

■ 4B7689

■ 587A89

■ 667E89

■ 748289

■ 818789

# Harmonies

## Analogous

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



00667C



066189



47598A

# Triad

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



066189



894750



446337

# Complementary

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



066189



892E06

# 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.



5F5D2A



066189



844C3A

# Square

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



066189



814869



75552C



1F664C

# Rectangle

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



066189



615383



75552C



4D6131



# Sweetspot

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



066189



7FA3B3



06892D



3A5059



D9D9D9



595959



# Same Dimension

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



066189



007CB3



062089



3E4345



005C85



000405



# Inverse Universe

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



890661



B3007C



896F06



453E43



85005C



050004



# Previews

## White Background



This preview shows how the Hex color 066189 looks on a white background.

## Color Contrast Check

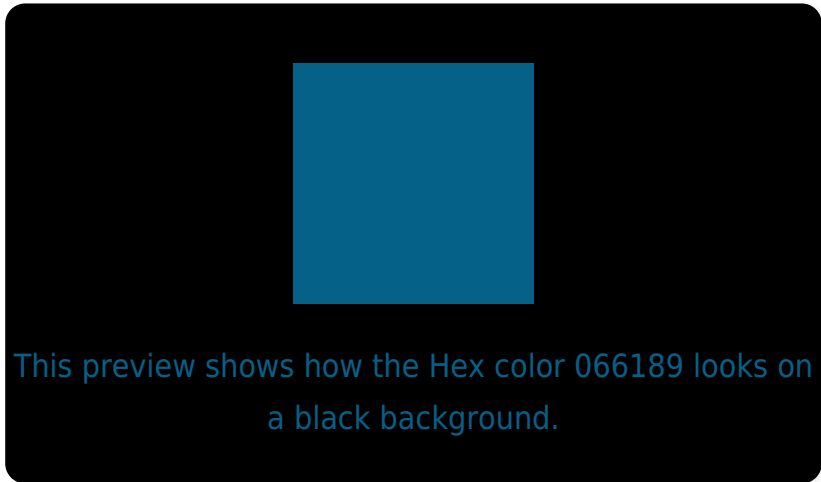
Large Text (above 18pt) WCAG AA ✓ Pass

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

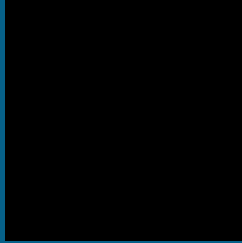
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 066189 Background



This preview shows how black text looks on a background with the Hex color 066189.

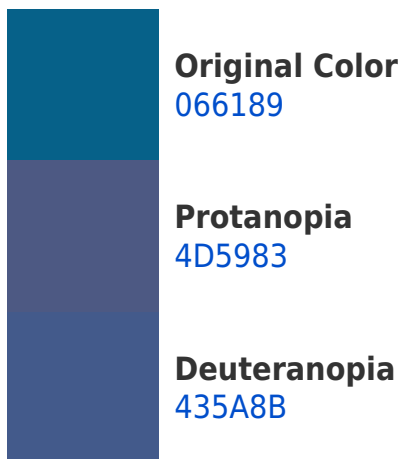


This preview shows how white text looks on a background with the Hex color 066189.

# 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**  
00656C

# Trichromacy



**Original Color**  
066189

**Protanomaly**  
335C85

**Deuteranomaly**  
2D5D8A

**Tritanomaly**  
026477

# Monochromacy



**Original Color**  
066189

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
315261

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 066189 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 #066189 looks like.

```
.text, #text, p{  
    color:#066189  
}
```

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 #066189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066189
}
```

## Border

The CSS property to change the border of an element to Hex 066189 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
#066189 }
```

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

```
.border{ border-color:#066189 }
```

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

Here you see how a box with a 4 pixel #066189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066189; -webkit-box-shadow:4px 4px  
4px 4px #066189; box-shadow:4px 4px 4px  
4px #066189 }
```

# Background

The CSS property to change the background color of an element to Hex 066189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066189 }
```

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

```
.background{ background-color:#066189 }
```

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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