

Converting Colors

Hex(066685)

Have a look what the booklet for
Hex(066685) contains.

Hex(066685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(066685)

Conversions

Conversions Part 1

Format	Color
Hex	066685
RGB	6, 102, 133
RGB Percent	2%, 40%, 52%
CMY	0.9765, 0.6000, 0.4784
CMYK	0.95, 0.23, 0.00, 0.48
HSL	195°, 91%, 27%
HSV	195°, 95%, 52%
XYZ	9.0601, 11.2349, 23.8813
YIQ	76.8300, -67.1670, -10.7110

Conversions

Conversions Part 2

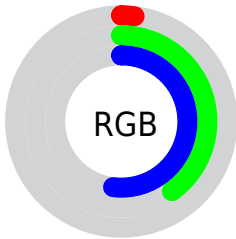
Format	Color
RYB	6, 61, 133
Decimal	419461
CIELab	39.97, -12.86, -24.11
CIELCh	40, 27.324, 241.920
Yxy	11.2349, 0.2051, 0.2543
Android (android.graphics.Color)	4278609541 (0xFF066685)
YUV	76.8300, 27.6918, -62.1179
Hunter-Lab	33.5185, -10.4086, -18.7801

Details

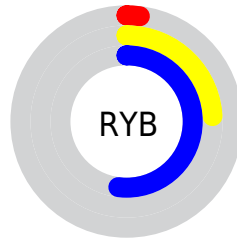
The Hex color **066685** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **852506**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5199BA**, and **003753** is the 20% darker color. If you saturate the color by 10%, you get **006585**, and if you desaturate by 10%, it is **136985**.

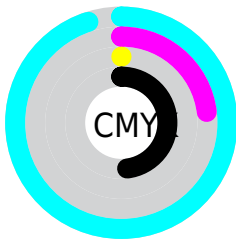
Distribution



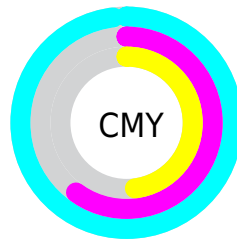
- Red (2%)
- Green (40%)
- Blue (52%)



- Red (2%)
- Yellow (24%)
- Blue (52%)



- Cyan (95%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (98%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 066685 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 066685 by changing the saturation by 10% instead.

066685

066685

FFFFFF

004E6C

5199BA

003753

6EB4D6

00223C

8ACFF2

000326

A6ECFF

000110

C3FFFF

000000

E0FFFF

FEFFFF

066685

066685

■ 006585

■ 136985

■ 216C85

■ 2E7085

■ 3B7385

■ 497685

■ 567985

■ 637D85

■ 708085

■ 7E8385

Harmonies

Analogous

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



006975



066685



3E608A

Triad

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



066685



884C5E



546437

Complementary

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



066685



852506

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.



6B5D31



066685



884F48

Square

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



066685



7B5074



7D5637



386848

Rectangle

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



066685



575B87



7D5637



5C6234

Sweetspot

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



066685



7BA1AD



068524



384F57



D6D6D6



575757

Same Dimension

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



066685



0083AD



062885



3C4142



006282



000203

Inverse Universe

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



850666



AD0083



856306



423C41



820062



030002

Previews

White Background



This preview shows how the Hex color 066685 looks on a white background.

Color Contrast Check

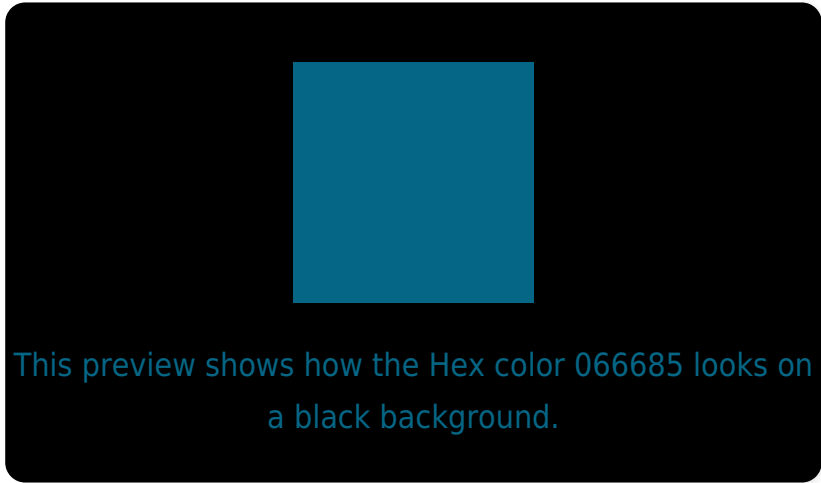
Large Text (above 18pt) WCAG AA ✓ Pass

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

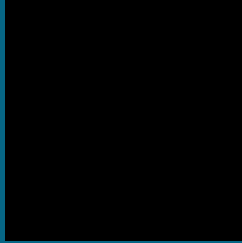
Any Text WCAG AA × Fail

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 066685 Background



This preview shows how black text looks on a background with the Hex color 066685.

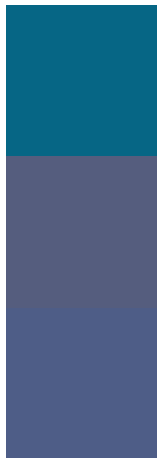


This preview shows how white text looks on a background with the Hex color 066685.

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
066685

Protanopia
555D7E

Deuteranopia
4E5D87



Tritanopia
006971

Trichromacy



Original Color
066685

Protanomaly
386081

Deuteranomaly
346086

Tritanomaly
026878

Monochromacy



Original Color
066685

Achromatopsia
4D4D4D

Achromatomaly
335661

CSS Examples

Text

The CSS property to change the color of the text to Hex 066685 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 #066685 looks like.

```
.text, #text, p{  
    color:#066685  
}
```

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 #066685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #066685
}
```

Border

The CSS property to change the border of an element to Hex 066685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

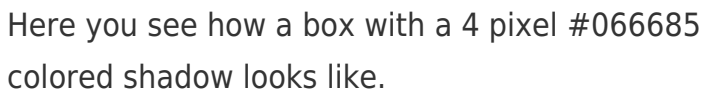
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#066685 }
```

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

```
.border{ border-color:#066685 }
```

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



Here you see how a box with a 4 pixel #066685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #066685; -webkit-box-shadow:4px 4px  
4px 4px #066685; box-shadow:4px 4px 4px  
4px #066685 }
```

Background

The CSS property to change the background color of an element to Hex 066685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#066685 }
```

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

```
.background{ background-color:#066685 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor