

Converting Colors

Hex(166F99)

Have a look what the booklet for
Hex(166F99) contains.

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Color

Hex(166F99)

Conversions

Conversions Part 1

Format	Color
Hex	166F99
RGB	22, 111, 153
RGB Percent	9%, 44%, 60%
CMY	0.9137, 0.5647, 0.4000
CMYK	0.86, 0.27, 0.00, 0.40
HSL	199°, 75%, 34%
HSV	199°, 86%, 60%
XYZ	11.7651, 13.8394, 32.1882
YIQ	89.1770, -66.5260, -5.8060

Conversions

Conversions Part 2

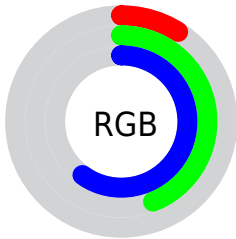
Format	Color
R_{YB}	22, 75, 153
Decimal	1470361
CIE _{Lab}	44.00, -9.44, -29.78
CIE _{LCh}	44, 31.242, 252.408
Yxy	13.8394, 0.2036, 0.2395
Android (android.graphics.Color)	4279660441 (0xFF166F99)
YUV	89.1770, 31.4647, -58.9142
Hunter-Lab	37.2013, -8.6508, -25.2594

Details

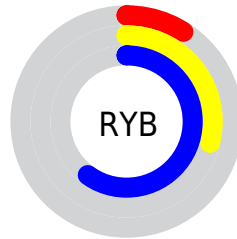
The Hex color **166F99** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **994016**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5BA3D0**, and **003F66** is the 20% darker color. If you saturate the color by 10%, you get **076A99**, and if you desaturate by 10%, it is **257499**.

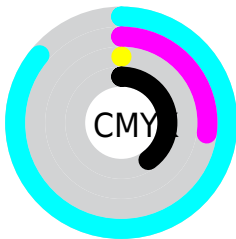
Distribution



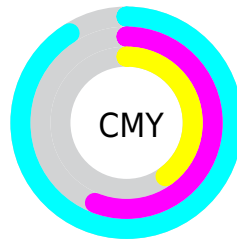
- Red (9%)
- Green (44%)
- Blue (60%)



- Red (9%)
- Yellow (29%)
- Blue (60%)



- Cyan (86%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 166F99 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 166F99 by changing the saturation by 10% instead.

■ 166F99

■ 166F99

FFFFFF

■ 00577F

■ 5BA3D0

■ 003F66

■ 78BEEC

■ 002A4D

■ 95D9FF

■ 001636

■ B2F6FF

■ 000221

■ CFFFFF

■ 000005

■ EDFFFF

■ 000000

■ 166F99

■ 166F99

■ 076A99

■ 257499

■ 006899

■ 357999

■ 447E99

■ 538399

■ 638899

■ 728C99

■ 819199

■ 909699

■ A09B99

Harmonies

Analogous

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



00748A



166F99



52679B

Triad

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



166F99



9A535E



517141

Complementary

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



166F99



994016

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.



6E6A34



166F99



955846

Square

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



166F99



905578



856136



2D7457

Rectangle

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



166F99



6D6094



856136



5B6F3B

Sweetspot

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



166F99



93B6C7



16993F



455A63



E3E3E3



636363

Same Dimension

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



166F99



0087C7



162E99



454A4D



005F8C



00090D

Inverse Universe

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



99166F



C70087



998116



4D454A



8C005F



0D0009

Previews

White Background



This preview shows how the Hex color 166F99 looks on a white background.

Color Contrast Check

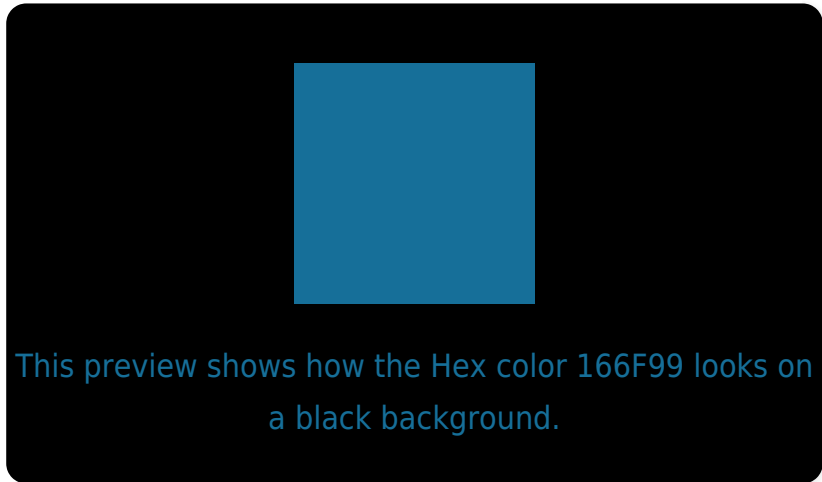
Large Text (above 18pt) WCAG AA ✓ Pass

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

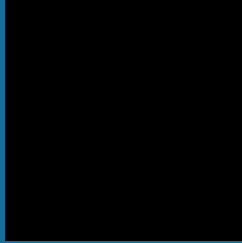
Any Text WCAG AA × Fail

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 166F99 Background



This preview shows how black text looks on a background with the Hex color 166F99.

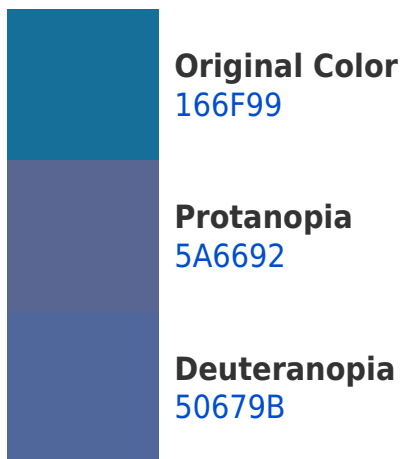


This preview shows how white text looks on a background with the Hex color 166F99.

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](#).

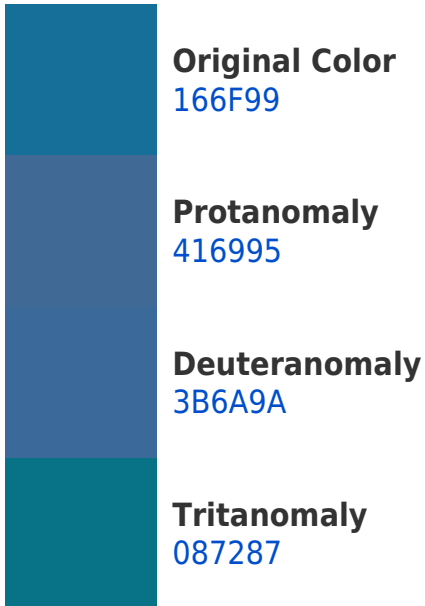
Dichromacy



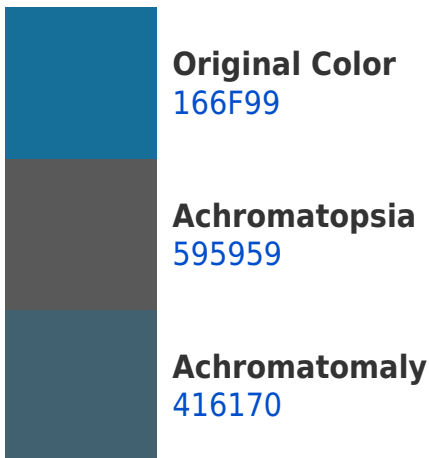


Tritanopia
00737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 166F99 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 #166F99 looks like.

```
.text, #text, p{  
    color:#166F99  
}
```

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 #166F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #166F99
}
```

Border

The CSS property to change the border of an element to Hex 166F99 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
#166F99 }
```

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

```
.border{ border-color:#166F99 }
```

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

Here you see how a box with a 4 pixel #166F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #166F99; -webkit-box-shadow:4px 4px  
4px 4px #166F99; box-shadow:4px 4px 4px  
4px #166F99 }
```

Background

The CSS property to change the background color of an element to Hex 166F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#166F99 }
```

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

```
.background{ background-color:#166F99 }
```

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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