

Converting Colors

Hex(166994)

Have a look what the booklet for
Hex(166994) contains.

Hex(166994)	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(166994)

Conversions

Conversions Part 1

Format	Color
Hex	166994
RGB	22, 105, 148
RGB Percent	9%, 41%, 58%
CMY	0.9137, 0.5882, 0.4196
CMYK	0.85, 0.29, 0.00, 0.42
HSL	200°, 74%, 33%
HSV	200°, 85%, 58%
XYZ	10.7277, 12.4118, 29.8473
YIQ	85.0850, -63.2710, -4.2230

Conversions

Conversions Part 2

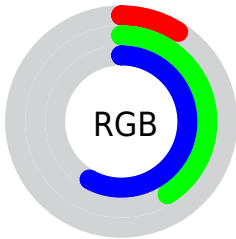
Format	Color
R_{YB}	22, 72, 148
Decimal	1468820
CIE _{Lab}	41.86, -7.78, -30.16
CIE _{LCh}	42, 31.143, 255.541
Yxy	12.4118, 0.2025, 0.2342
Android (android.graphics.Color)	4279658900 (0xFF166994)
YUV	85.0850, 31.0171, -55.3255
Hunter-Lab	35.2304, -7.2996, -25.5693

Details

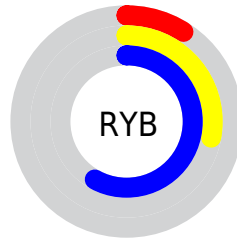
The Hex color **166994** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **944116**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5A9CCA**, and **003A61** is the 20% darker color. If you saturate the color by 10%, you get **076494**, and if you desaturate by 10%, it is **256E94**.

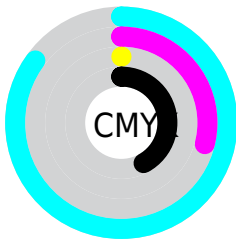
Distribution



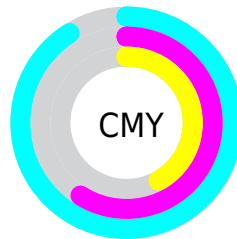
- Red (9%)
- Green (41%)
- Blue (58%)



- Red (9%)
- Yellow (28%)
- Blue (58%)



- Cyan (85%)
- Magenta (29%)
- Yellow (0%)
- Black (42%)



- Cyan (91%)
- Magenta (59%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 166994 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 166994 by changing the saturation by 10% instead.

■ 166994

■ 166994

FFFFFF

■ 00517A

■ 5A9CCA

■ 003A61

■ 77B7E6

■ 002549

■ 93D2FF

■ 001032

■ B0EFFF

■ 00021D

■ CDFFFF

■ 000000

■ EAFFFF

■ 166994

■ 166994

■ 076494

■ 256E94

006194

347394

427894

517D94

608294

6F8794

7E8C94

8C9194

9B9694

Harmonies

Analogous

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



006E87



166994



516194

Triad

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



166994



944E56



496C3E

Complementary

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



166994



944116

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.



656630



166994



8E543F

Square

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



166994



8C4F70



7D5D31



226F55

Rectangle

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



166994



6B5A8D



7D5D31



536A38

Sweetspot

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



166994



8EAEBF



169440



435761



E0E0E0



616161

Same Dimension

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



166994



007EBF



162B94



43474A



005B8A



00070A

Inverse Universe

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



941669



BF007E



947F16



4A4347



8A005B



0A0007

Previews

White Background



This preview shows how the Hex color 166994 looks on a white background.

Color Contrast Check

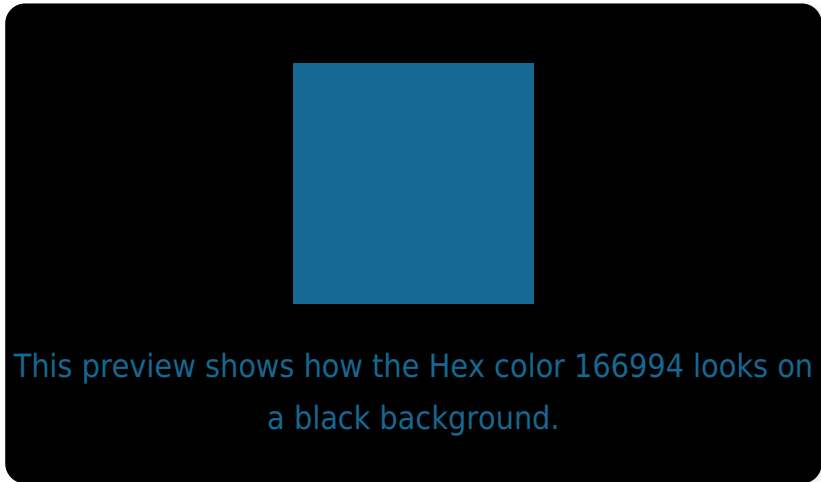
Large Text (above 18pt) WCAG AA ✓ Pass

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

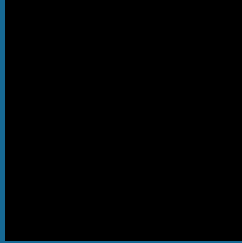
Any Text WCAG AA × Fail

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 166994 Background



This preview shows how black text looks on a background with the Hex color 166994.

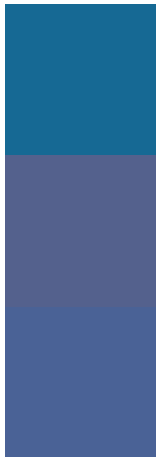


This preview shows how white text looks on a background with the Hex color 166994.

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
166994

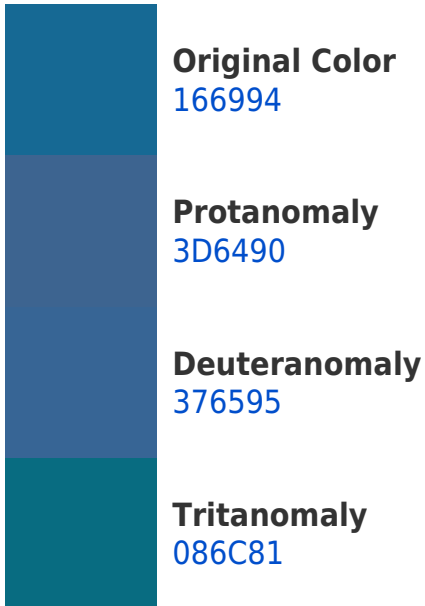
Protanopia
54618D

Deuteranopia
4A6296



Tritanopia
006D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 166994 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 #166994 looks like.

```
.text, #text, p{  
    color:#166994  
}
```

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 #166994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #166994
}
```

Border

The CSS property to change the border of an element to Hex 166994 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
#166994 }
```

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

```
.border{ border-color:#166994 }
```

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

Here you see how a box with a 4 pixel #166994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #166994; -webkit-box-shadow:4px 4px  
4px 4px #166994; box-shadow:4px 4px 4px  
4px #166994 }
```

Background

The CSS property to change the background color of an element to Hex 166994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#166994 }
```

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

```
.background{ background-color:#166994 }
```

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