

Converting Colors

Hex(166398)

Have a look what the booklet for
Hex(166398) contains.

Hex(166398)	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(166398)

Conversions

Conversions Part 1

Format	Color
Hex	166398
RGB	22, 99, 152
RGB Percent	9%, 39%, 60%
CMY	0.9137, 0.6118, 0.4039
CMYK	0.86, 0.35, 0.00, 0.40
HSL	204°, 75%, 34%
HSV	204°, 86%, 60%
XYZ	10.4602, 11.3613, 31.3474
YIQ	82.0190, -62.9050, 0.1590

Conversions

Conversions Part 2

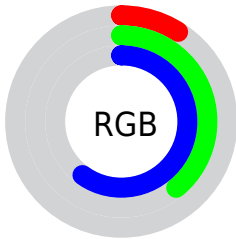
Format	Color
R_{YB}	22, 70, 152
Decimal	1467288
CIE _{Lab}	40.18, -2.56, -35.20
CIE _{LCh}	40, 35.288, 265.847
Yxy	11.3613, 0.1967, 0.2137
Android (android.graphics.Color)	4279657368 (0xFF166398)
YUV	82.0190, 34.5006, -52.6367
Hunter-Lab	33.7065, -3.5919, -31.5459

Details

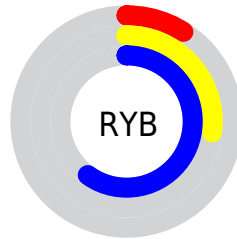
The Hex color **166398** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **984B16**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5A95CF**, and **003565** is the 20% darker color. If you saturate the color by 10%, you get **075D98**, and if you desaturate by 10%, it is **256998**.

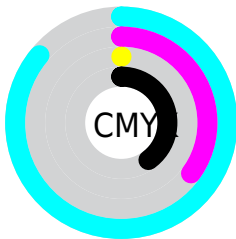
Distribution



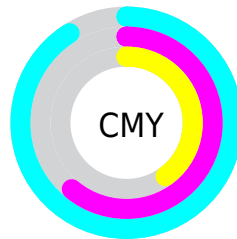
- Red (9%)
- Green (39%)
- Blue (60%)



- Red (9%)
- Yellow (27%)
- Blue (60%)



- Cyan (86%)
- Magenta (35%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 166398 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 166398 by changing the saturation by 10% instead.

■ 166398

■ 166398

FFFFFF

■ 004B7E

■ 5A95CF

■ 003565

■ 77B0EB

■ 00204C

■ 94CBFF

■ 000635

■ B1E7FF

■ 00021F

■ CEFFFF

■ 000003

■ EBFFFF

■ 000000

■ 166398

■ 166398

■ 075D98

■ 256998

■ 005A98

■ 346F98

■ 447698

■ 537C98

■ 628298

■ 718898

■ 808E98

■ 909598

■ 9F9B98

Harmonies

Analogous

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



006A8E



166398



5A5993

Triad

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



166398



944847



326A3D

Complementary

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



166398



984B16

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.



566428



166398



885130

Square

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



166398



914664



735C23



006D5A

Rectangle

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



166398



745187



735C23



406935

Sweetspot

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



166398



91B0C4



16984A



455763



E3E3E3



636363

Same Dimension

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



166398



0074C4



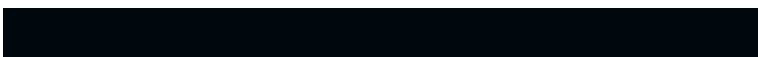
162398



45494D



00538C



00080D

Inverse Universe

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



981663



C40074



988B16



4D4549



8C0053



0D0008

Previews

White Background



This preview shows how the Hex color 166398 looks on a white background.

Color Contrast Check

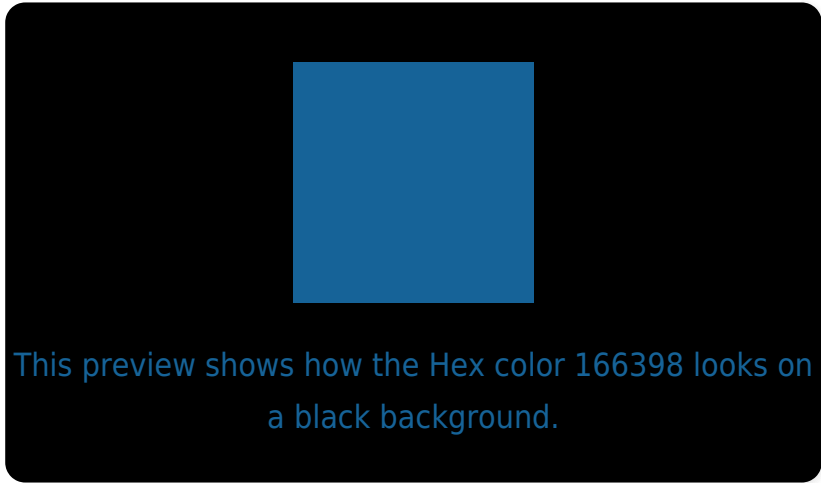
Large Text (above 18pt) WCAG AA ✓ Pass

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

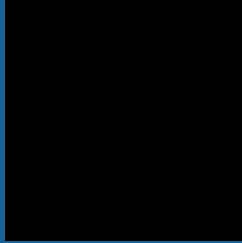
Any Text WCAG AA × Fail

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 166398 Background



This preview shows how black text looks on a background with the Hex color 166398.



This preview shows how white text looks on a background with the Hex color 166398.

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](#).

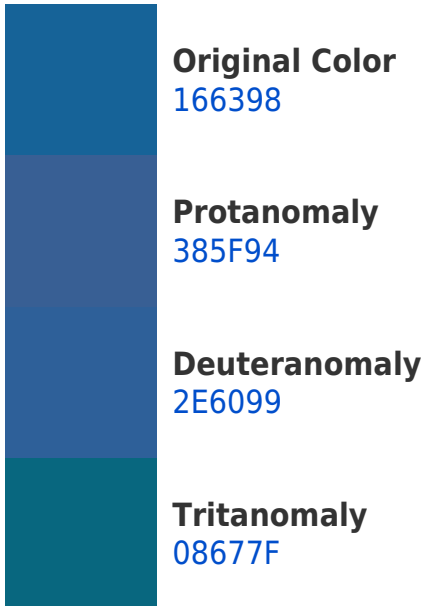
Dichromacy



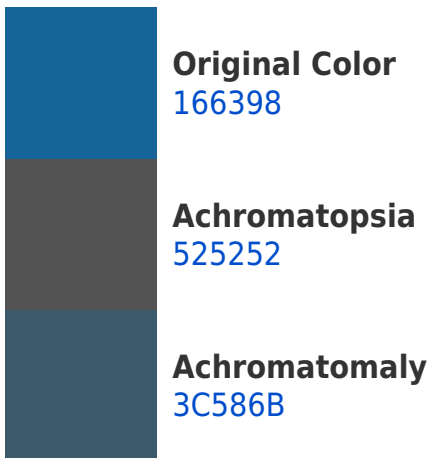


Tritanopia
006971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 166398 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 #166398 looks like.

```
.text, #text, p{  
    color:#166398  
}
```

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 #166398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #166398
}
```

Border

The CSS property to change the border of an element to Hex 166398 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
#166398 }
```

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

```
.border{ border-color:#166398 }
```

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

Here you see how a box with a 4 pixel #166398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #166398; -webkit-box-shadow:4px 4px  
4px 4px #166398; box-shadow:4px 4px 4px  
4px #166398 }
```

Background

The CSS property to change the background color of an element to Hex 166398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#166398 }
```

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

```
.background{ background-color:#166398 }
```

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