

Converting Colors

Hex(164398)

Have a look what the booklet for
Hex(164398) contains.

Hex(164398)	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(164398)

Conversions

Conversions Part 1

Format	Color
Hex	164398
RGB	22, 67, 152
RGB Percent	9%, 26%, 60%
CMY	0.9137, 0.7373, 0.4039
CMYK	0.86, 0.56, 0.00, 0.40
HSL	219°, 75%, 34%
HSV	219°, 86%, 60%
XYZ	8.0055, 6.4519, 30.5292
YIQ	63.2350, -54.1050, 16.8950

Conversions

Conversions Part 2

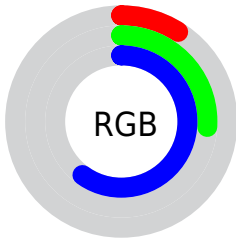
Format	Color
R_{YB}	22, 55, 152
Decimal	1459096
CIE _{Lab}	30.53, 18.63, -50.69
CIE _{LCh}	31, 54.004, 290.185
Yxy	6.4519, 0.1780, 0.1434
Android (android.graphics.Color)	4279649176 (0xFF164398)
YUV	63.2350, 43.7611, -36.1631
Hunter-Lab	25.4006, 11.8071, -53.4808

Details

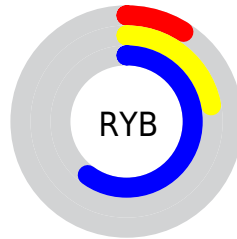
The Hex color **164398** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **986B16**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5B72CF**, and **001A64** is the 20% darker color. If you saturate the color by 10%, you get **073998**, and if you desaturate by 10%, it is **254D98**.

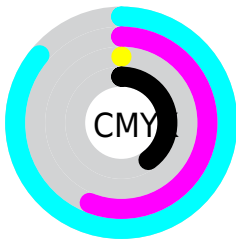
Distribution



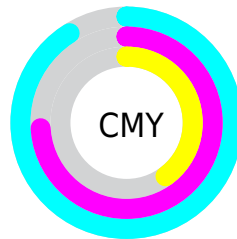
- Red (9%)
- Green (26%)
- Blue (60%)



- Red (9%)
- Yellow (22%)
- Blue (60%)



- Cyan (86%)
- Magenta (56%)
- Yellow (0%)
- Black (40%)



- Cyan (91%)
- Magenta (74%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164398 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 164398 by changing the saturation by 10% instead.

■ 164398

■ 164398

FFFFFF

■ 002D7E

■ 5B72CF

■ 001A64

■ 788CEC

■ 00004C

■ 95A6FF

■ 000434

■ B2C1FF

■ 00021E

■ CFDDFF

■ 000000

■ EDF9FF

■ 164398

■ 164398

■ 073998

■ 254D98

■ 003598

■ 345798

■ 446198

■ 536B98

■ 627598

■ 717F98

■ 808998

■ 909398

■ 9F9C98

Harmonies

Analogous

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



00519C



164398



6B2C7F

Triad

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



164398



802C02



005938

Complementary

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



164398



986B16

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.



005507



164398



644100

Square

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



164398



8F112E



3E4E00



005A64

Rectangle

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



164398



831965



3E4E00



005829

Sweetspot

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



164398



91A3C4



16986A



454F63



E3E3E3



636363

Same Dimension

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



164398



0044C4



2A1698



45474D



00318C



00040D

Inverse Universe

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



981643



C40044



849816



4D4547



8C0031



0D0004

Previews

White Background



This preview shows how the Hex color 164398 looks on a white background.

Color Contrast Check

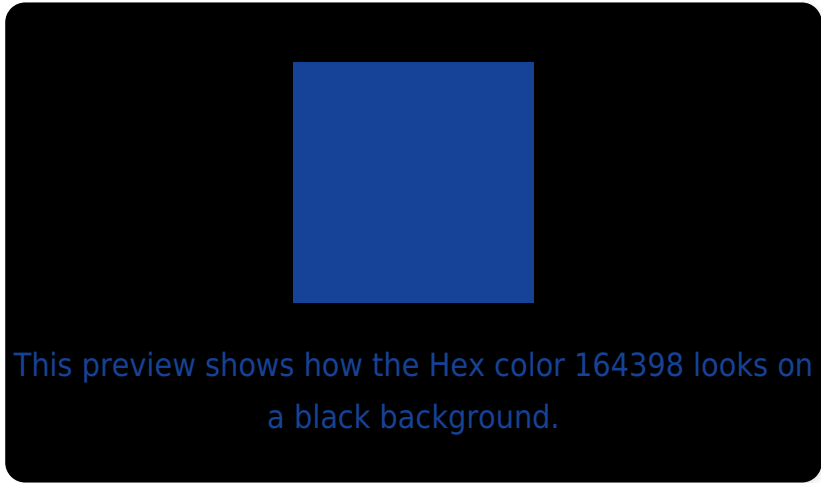
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 164398 Background



This preview shows how black text looks on a background with the Hex color 164398.



This preview shows how white text looks on a background with the Hex color 164398.

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

164398

Protanopia

004593

Deuteranopia

004A7F

Trichromacy



Original Color
164398

Protanomaly
084495

Deuteranomaly
084788

Tritanomaly
084B6D

Monochromacy



Original Color
164398

Achromatopsia
3F3F3F

Achromatomaly
30405F

CSS Examples

Text

The CSS property to change the color of the text to Hex 164398 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 #164398 looks like.

```
.text, #text, p{  
    color:#164398  
}
```

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 #164398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164398
}
```

Border

The CSS property to change the border of an element to Hex 164398 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
#164398 }
```

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

```
.border{ border-color:#164398 }
```

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

Here you see how a box with a 4 pixel #164398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164398; -webkit-box-shadow:4px 4px  
4px 4px #164398; box-shadow:4px 4px 4px  
4px #164398 }
```

Background

The CSS property to change the background color of an element to Hex 164398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164398 }
```

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

```
.background{ background-color:#164398 }
```

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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