

Converting Colors

Hex(161D9C)

Have a look what the booklet for
Hex(161D9C) contains.

Hex(161D9C)	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(161D9C)

Conversions

Conversions Part 1

Format	Color
Hex	161D9C
RGB	22, 29, 156
RGB Percent	9%, 11%, 61%
CMY	0.9137, 0.8863, 0.3882
CMYK	0.86, 0.81, 0.00, 0.39
HSL	237°, 75%, 35%
HSV	237°, 86%, 61%
XYZ	6.7710, 3.4496, 31.7615
YIQ	41.3850, -44.9390, 38.0130

Conversions

Conversions Part 2

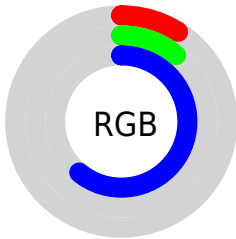
Format	Color
RYB	22, 29, 156
Decimal	1449372
CIELab	21.76, 44.51, -67.53
CIELCh	22, 80.882, 303.386
Yxy	3.4496, 0.1613, 0.0822
Android (android.graphics.Color)	4279639452 (0xFF161D9C)
YUV	41.3850, 56.5052, -17.0006
Hunter-Lab	18.5731, 32.5708, -88.3893

Details

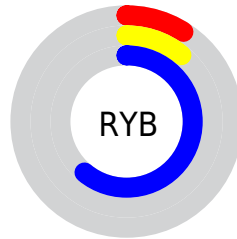
The Hex color **161D9C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9C9516**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **604CD4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **060E9C**, and if you desaturate by 10%, it is **262C9C**.

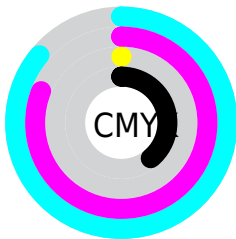
Distribution



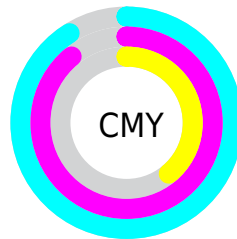
- Red (9%)
- Green (11%)
- Blue (61%)



- Red (9%)
- Yellow (11%)
- Blue (61%)



- Cyan (86%)
- Magenta (81%)
- Yellow (0%)
- Black (39%)



- Cyan (91%)
- Magenta (89%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161D9C 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 161D9C by changing the saturation by 10% instead.

■ 161D9C

■ 161D9C

FFFFFF

■ 000681

■ 604CD4

■ 000067

■ 7E64F1

■ 00034E

■ 9B7EFF

■ 000536

■ B998FF

■ 000220

■ D7B3FF

■ 000004

■ F5CFFF

■ 000000

■ FFE8FF

■ 161D9C

■ 161D9C

■ 060E9C

■ 262C9C

■ 00089C

■ 353B9C

■ 45499C

■ 54589C

■ 64679C

■ 74769C

■ 83849C

■ 93939C

■ A2A29C

Harmonies

Analogous

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



003EB1



161D9C



7B006B

Triad

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



161D9C



691300



00473A

Complementary

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



161D9C



9C9516

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.



004500



161D9C



3B3500

Square

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



161D9C



880000



004100



004976

Rectangle

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



161D9C



8F0044



004100



004725

Sweetspot

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



161D9C



979ACC



169C93



464866



E6E6E6



666666

Same Dimension

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



161D9C



000BCC



50169C



47484F



00078F



00010F

Inverse Universe

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



9C161D



CC000B



629C16



4F4748



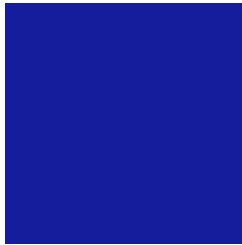
8F0007



0F0001

Previews

White Background



This preview shows how the Hex color 161D9C looks on a white background.

Color Contrast Check

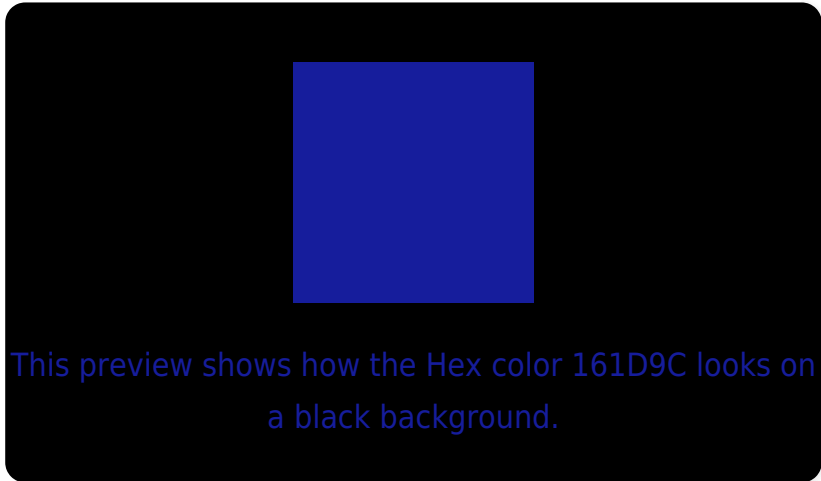
Large Text (above 18pt) WCAG AA ✓ Pass

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

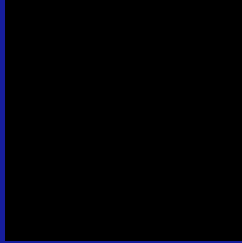
Any Text WCAG AA × Fail

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 161D9C Background



This preview shows how black text looks on a background with the Hex color 161D9C.



This preview shows how white text looks on a background with the Hex color 161D9C.

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
161D9C

Protanopia
00336B

Deuteranopia
00375B



Tritanopia
003B3E

Trichromacy



Original Color
161D9C

Protanomaly
082B7D

Deuteranomaly
082E73

Tritanomaly
083060

Monochromacy



Original Color
161D9C

Achromatopsia
292929

Achromatomaly
222553

CSS Examples

Text

The CSS property to change the color of the text to Hex 161D9C 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 #161D9C looks like.

```
.text, #text, p{  
    color:#161D9C  
}
```

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 #161D9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161D9C
}
```

Border

The CSS property to change the border of an element to Hex 161D9C 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".

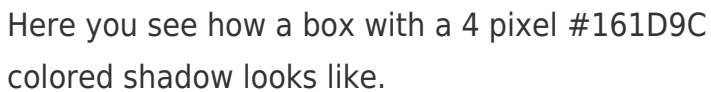
```
.border, #border, table{ border:4px solid
#161D9C }
```

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

```
.border{ border-color:#161D9C }
```

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

Here you see how a box with a 4 pixel #161D9C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161D9C; -webkit-box-shadow:4px 4px  
4px 4px #161D9C; box-shadow:4px 4px 4px  
4px #161D9C }
```

Background

The CSS property to change the background color of an element to Hex 161D9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161D9C }
```

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

```
.background{ background-color:#161D9C }
```

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