

Converting Colors

Hex(160A9F)

Have a look what the booklet for
Hex(160A9F) contains.

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Color

Hex(160A9F)

Conversions

Conversions Part 1

Format	Color
Hex	160A9F
RGB	22, 10, 159
RGB Percent	9%, 4%, 62%
CMY	0.9137, 0.9608, 0.3765
CMYK	0.86, 0.94, 0.00, 0.38
HSL	245°, 88%, 33%
HSV	245°, 94%, 62%
XYZ	6.6974, 2.8909, 33.0059
YIQ	30.5740, -40.6770, 48.8830

Conversions

Conversions Part 2

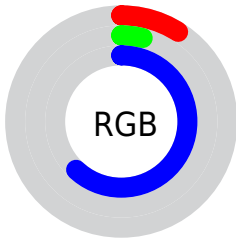
Format	Color
R_{YB}	22, 10, 159
Decimal	1444511
CIE _{Lab}	19.60, 53.06, -72.97
CIE _{LCh}	20, 90.224, 306.025
Yxy	2.8909, 0.1572, 0.0679
Android (android.graphics.Color)	4279634591 (0xFF160A9F)
YUV	30.5740, 63.3140, -7.5194
Hunter-Lab	17.0025, 40.5581, -103.1940

Details

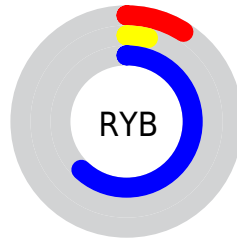
The Hex color **160A9F** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **939F0A**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **623FD7**, and **00006A** is the 20% darker color. If you saturate the color by 10%, you get **0D009F**, and if you desaturate by 10%, it is **251A9F**.

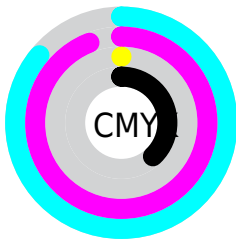
Distribution



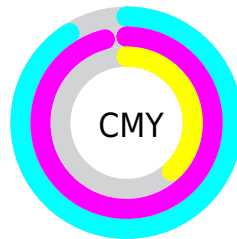
- Red (9%)
- Green (4%)
- Blue (62%)



- Red (9%)
- Yellow (4%)
- Blue (62%)



- Cyan (86%)
- Magenta (94%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (96%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160A9F 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 160A9F by changing the saturation by 10% instead.

■ 160A9F

■ 160A9F

■ FFFCFF

■ 000084

■ 623FD7

■ 00006A

■ 8158F4

■ 000451

■ 9F71FF

■ 000538

■ BD8CFF

■ 000222

■ DBA7FF

■ 000008

■ F9C2FF

■ 000000

■ FFDFFF

■ 160A9F

■ 160A9F

■ 0D009F

■ 251A9F

■ 332A9F

■ 423A9F

■ 504A9F

■ 5F5A9F

■ 6E699F

■ 7C799F

■ 8B899F

■ 9A999F

Harmonies

Analogous

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



003ABA



160A9F



800067

Triad

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



160A9F



630C00



00433C

Complementary

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



160A9F



939F0A

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.



004200



160A9F



303200

Square

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



160A9F



870000



003D00



00457E

Rectangle

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



160A9F



93003C



003D00



004225

Sweetspot

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



160A9F



9995CF



0A959F



484569



E8E8E8



696969

Same Dimension

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



160A9F



1100CF



5E0A9F



48474F



0C008F



01000F

Inverse Universe

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



9F0A93



CF00BE



4B9F0A



4F474E



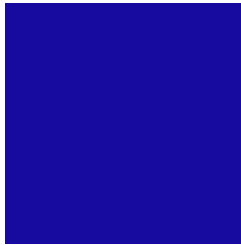
8F0083



0F000E

Previews

White Background



This preview shows how the Hex color 160A9F looks on a white background.

Color Contrast Check

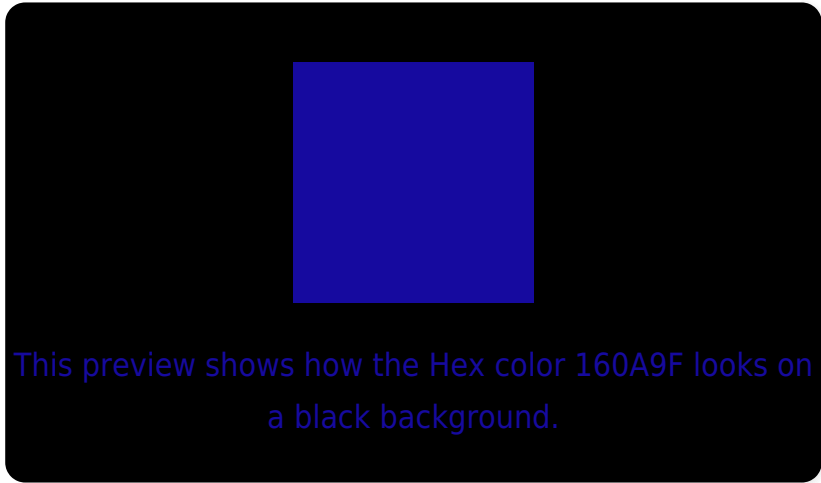
Large Text (above 18pt) WCAG AA ✓ Pass

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

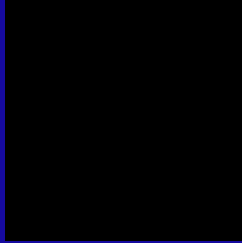
Any Text WCAG AA × Fail

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 160A9F Background



This preview shows how black text looks on a background with the Hex color 160A9F.



This preview shows how white text looks on a background with the Hex color 160A9F.

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
160A9F

Protanopia
003064

Deuteranopia
003355

Trichromacy



Original Color
160A9F

Protanomaly
082279

Deuteranomaly
082470

Tritanomaly
08275E

Monochromacy



Original Color
160A9F

Achromatopsia
1F1F1F

Achromatomaly
1C174E

CSS Examples

Text

The CSS property to change the color of the text to Hex 160A9F 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 #160A9F looks like.

```
.text, #text, p{  
    color:#160A9F  
}
```

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 #160A9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160A9F
}
```

Border

The CSS property to change the border of an element to Hex 160A9F 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
#160A9F }
```

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

```
.border{ border-color:#160A9F }
```

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

Here you see how a box with a 4 pixel #160A9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160A9F; -webkit-box-shadow:4px 4px  
4px 4px #160A9F; box-shadow:4px 4px 4px  
4px #160A9F }
```

Background

The CSS property to change the background color of an element to Hex 160A9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160A9F }
```

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

```
.background{ background-color:#160A9F }
```

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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