

Converting Colors

Hex(160D80)

Have a look what the booklet for
Hex(160D80) contains.

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Color

Hex(160D80)

Conversions

Conversions Part 1

Format	Color
Hex	160D80
RGB	22, 13, 128
RGB Percent	9%, 5%, 50%
CMY	0.9137, 0.9490, 0.4980
CMYK	0.83, 0.90, 0.00, 0.50
HSL	245°, 82%, 28%
HSV	245°, 90%, 50%
XYZ	4.3711, 2.0169, 20.5810
YIQ	28.8010, -31.5510, 37.6730

Conversions

Conversions Part 2

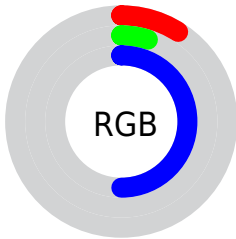
Format	Color
RYB	22, 13, 128
Decimal	1445248
CIELab	15.58, 43.03, -60.34
CIELCh	16, 74.113, 305.497
Yxy	2.0169, 0.1621, 0.0748
Android (android.graphics.Color)	4279635328 (0xFF160D80)
YUV	28.8010, 48.9051, -5.9645
Hunter-Lab	14.2019, 30.0858, -75.9802

Details

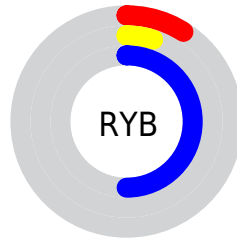
The Hex color **160D80** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **77800D**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **593DB6**, and **00004D** is the 20% darker color. If you saturate the color by 10%, you get **0A0080**, and if you desaturate by 10%, it is **221A80**.

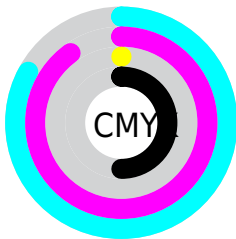
Distribution



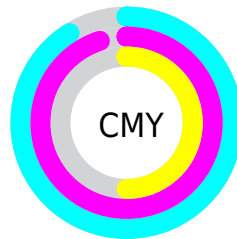
- Red (9%)
- Green (5%)
- Blue (50%)



- Red (9%)
- Yellow (5%)
- Blue (50%)



- Cyan (83%)
- Magenta (90%)
- Yellow (0%)
- Black (50%)



- Cyan (91%)
- Magenta (95%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160D80 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 160D80 by changing the saturation by 10% instead.

 160D80

 160D80

 FFF7FF

 000066


 593DB6

 00004D

 7655D2

 000535

 926EEF

 00021F

 AF88FF

 000002

 CCA2FF

 000000

 EABEFF

 FFDAFF

 160D80

 160D80

■ 0A0080

■ 221A80

■ 2E2780

■ 393380

■ 454080

■ 514D80

■ 5D5A80

■ 696780

■ 747380

■ 808080

Harmonies

Analogous

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



002F95



160D80



670054

Triad

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



160D80



520C00



003830

Complementary

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



160D80



77800D

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.



003700



160D80



292900

Square

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



160D80



6E0000



003200



003965

Rectangle

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



160D80



760031



003200



00371D

Sweetspot

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



160D80



7C79A6



0D7880



3B3954



D4D4D4



545454

Same Dimension

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



160D80



0D00A6



4E0D80



3A3940



0A0080



000000

Inverse Universe

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



800D77



A60099



3F800D



40393F



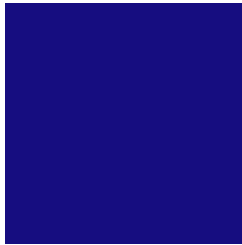
800076



000000

Previews

White Background



This preview shows how the Hex color 160D80 looks on a white background.

Color Contrast Check

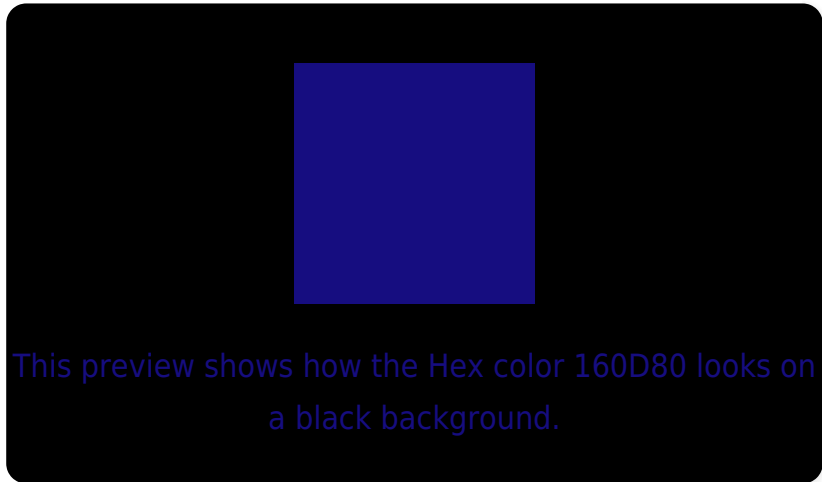
Large Text (above 18pt) WCAG AA ✓ Pass

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

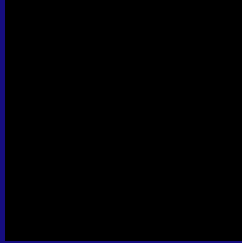
Any Text WCAG AA × Fail

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 160D80 Background



This preview shows how black text looks on a background with the Hex color 160D80.



This preview shows how white text looks on a background with the Hex color 160D80.

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
160D80

Protanopia
002753

Deuteranopia
002A46

Trichromacy



Original Color
160D80

Protanomaly
081E63

Deuteranomaly
081F5B

Tritanomaly
08214D

Monochromacy



Original Color
160D80

Achromatopsia
1D1D1D

Achromatomaly
1A1741

CSS Examples

Text

The CSS property to change the color of the text to Hex 160D80 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 #160D80 looks like.

```
.text, #text, p{  
    color:#160D80  
}
```

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 #160D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160D80
}
```

Border

The CSS property to change the border of an element to Hex 160D80 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
#160D80 }
```

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

```
.border{ border-color:#160D80 }
```

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

Here you see how a box with a 4 pixel #160D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160D80; -webkit-box-shadow:4px 4px  
4px 4px #160D80; box-shadow:4px 4px 4px  
4px #160D80 }
```

Background

The CSS property to change the background color of an element to Hex 160D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160D80 }
```

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

```
.background{ background-color:#160D80 }
```

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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