

Converting Colors

Hex(160EBA)

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

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Color

Hex(160EBA)

Conversions

Conversions Part 1

Format	Color
Hex	160EBA
RGB	22, 14, 186
RGB Percent	9%, 5%, 73%
CMY	0.9137, 0.9451, 0.2706
CMYK	0.88, 0.92, 0.00, 0.27
HSL	243°, 86%, 39%
HSV	243°, 92%, 73%
XYZ	9.3508, 4.0298, 46.7394
YIQ	36.0000, -50.4440, 55.1880

Conversions

Conversions Part 2

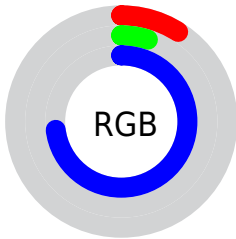
Format	Color
R_{YB}	22, 14, 186
Decimal	1445562
CIE _{Lab}	23.77, 59.40, -82.30
CIE _{LCh}	24, 101.498, 305.819
Yxy	4.0298, 0.1555, 0.0670
Android (android.graphics.Color)	4279635642 (0xFF160EBA)
YUV	36.0000, 73.9500, -12.2780
Hunter-Lab	20.0744, 48.0167, -123.9932

Details

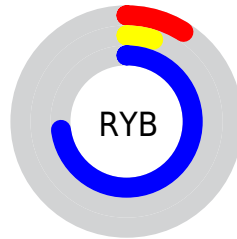
The Hex color **160EBA** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **B2BA0E**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **6A44F4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **0900BA**, and if you desaturate by 10%, it is **2821BA**.

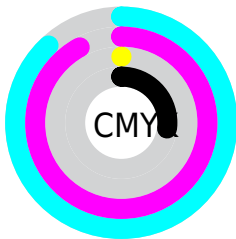
Distribution



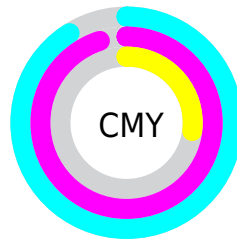
- Red (9%)
- Green (5%)
- Blue (73%)



- Red (9%)
- Yellow (5%)
- Blue (73%)



- Cyan (88%)
- Magenta (92%)
- Yellow (0%)
- Black (27%)



- Cyan (91%)
- Magenta (95%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 160EBA

 160EBA

FFFFFF

 00009E

 6A44F4

 000083

 895EFF

 000069

 A978FF

 000A4F

 C792FF

 000538

 E6AEFF

 000221

 FFCAFF

 000006

 FFE7FF

 000000

 160EBA

 160EBA

0900BA

2821BA

3933BA

4B46BA

5D58BA

6F6BBA

807EBA

9290BA

A4A3BA

B6B5BA

Harmonies

Analogous

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



0045D9



160EBA



950079

Triad

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



160EBA



740E00



004F47

Complementary

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



160EBA



B2BA0E

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.



004D00



160EBA



393C00

Square

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



160EBA



9E0000



004800



005193

Rectangle

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



160EBA



AB0047



004800



004E2C

Sweetspot

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



160EBA



B2AEF2



0EB4BA



53517A



FAFafa



7A7A7A

Same Dimension

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



160EBA



0B00F2



6A0EBA



53535C



07009C



01001C

Inverse Universe

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



BA0EB2



F200E7



5EBA0E



5C535B



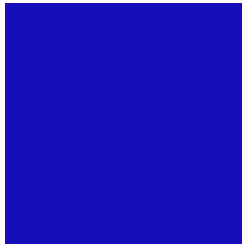
9C0094



1C001B

Previews

White Background



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

Color Contrast Check

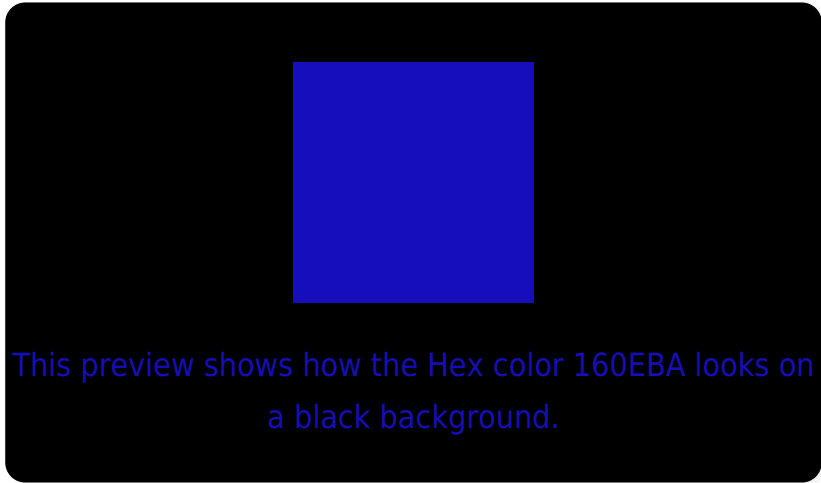
Large Text (above 18pt) WCAG AA ✓ Pass

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

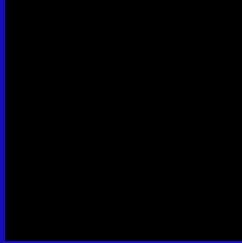
Any Text WCAG AA × Fail

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 160EBA Background



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



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

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
160EBA

Protanopia
003875

Deuteranopia
003C63

Trichromacy



Original Color
160EBA

Protanomaly
08298E

Deuteranomaly
082B83

Tritanomaly
082E6E

Monochromacy



Original Color
160EBA

Achromatopsia
242424

Achromatomaly
1F1C5B

CSS Examples

Text

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

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

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 #160EBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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