

Converting Colors

Hex(160B58)

Have a look what the booklet for
Hex(160B58) contains.

Hex(160B58)	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(160B58)

Conversions

Conversions Part 1

Format	Color
Hex	160B58
RGB	22, 11, 88
RGB Percent	9%, 4%, 35%
CMY	0.9137, 0.9569, 0.6549
CMYK	0.75, 0.88, 0.00, 0.65
HSL	249°, 78%, 19%
HSV	249°, 88%, 35%
XYZ	2.2120, 1.1145, 9.3311
YIQ	23.0670, -18.1610, 26.2790

Conversions

Conversions Part 2

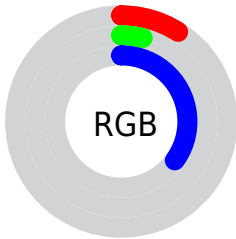
Format	Color
R_{YB}	22, 11, 88
Decimal	1444696
CIE Lab	9.91, 31.07, -43.50
CIE LCh	10, 53.457, 305.533
Yxy	1.1145, 0.1748, 0.0881
Android (android.graphics.Color)	4279634776 (0xFF160B58)
YUV	23.0670, 32.0120, -0.9358
Hunter-Lab	10.5570, 18.9263, -45.0151

Details

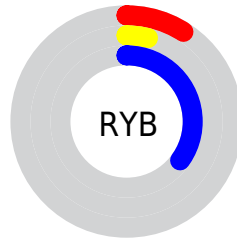
The Hex color **160B58** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4D580B**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **4E378B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **0E0258**, and if you desaturate by 10%, it is **1E1458**.

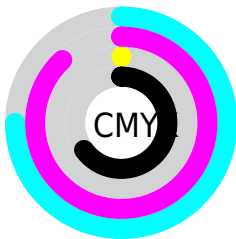
Distribution



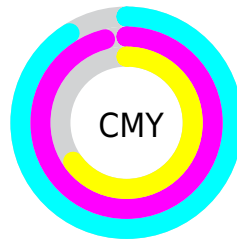
- Red (9%)
- Green (4%)
- Blue (35%)



- Red (9%)
- Yellow (4%)
- Blue (35%)



- Cyan (75%)
- Magenta (88%)
- Yellow (0%)
- Black (65%)



- Cyan (91%)
- Magenta (96%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Hex color 160B58 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 160B58 by changing the saturation by 10% instead.

 160B58

 160B58


 FFEEFF

 000040

 4E378B

 000329

 684EA6

 000113

 8367C1

 000000

 9E80DD

 BA9AFA

 D7B5FF

 F4D1FF

 160B58

 160B58

■ 0E0258

■ 1E1458

■ 0D0058

■ 251D58

■ 2D2558

■ 342E58

■ 3C3758

■ 434058

■ 4B4958

■ 525158

■ 5A5A58

Harmonies

Analogous

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



002066



160B58



48003A

Triad

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



160B58



3A0B00



002821

Complementary

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



160B58



4D580B

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.



002800



160B58



1E1D00

Square

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



160B58



4D0000



002500



002A45

Rectangle

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



160B58



530022



002500



002815

Sweetspot

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



160B58



595573



0B4E58



2B283B



BABABA



3B3B3B

Same Dimension

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



160B58



100073



3C0B58



28272B



0F006B



2200EB

Inverse Universe

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



580B4D



730062



27580B



2B272B



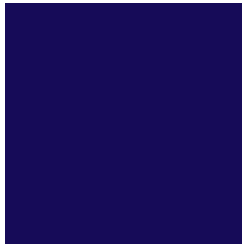
6B005C



EB00C9

Previews

White Background



This preview shows how the Hex color 160B58 looks on a white background.

Color Contrast Check

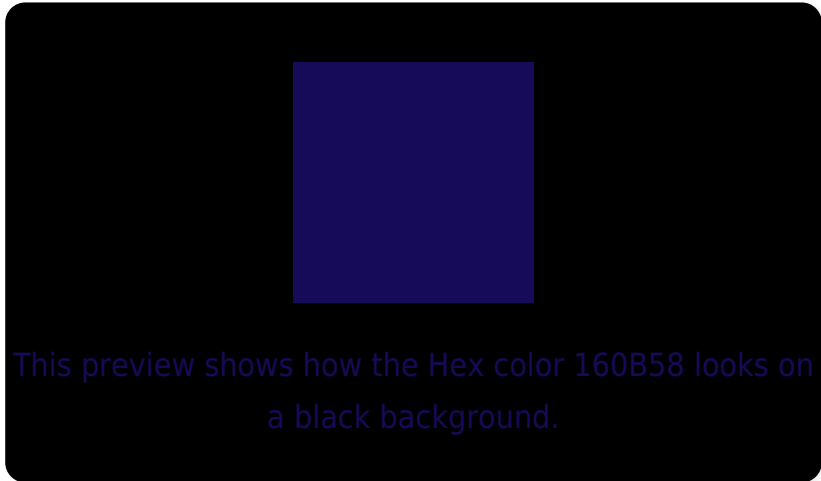
Large Text (above 18pt) WCAG AA ✓ Pass

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

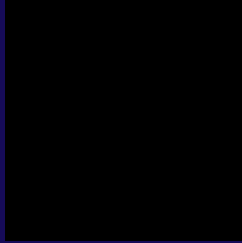
Any Text WCAG AA × Fail

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 160B58 Background



This preview shows how black text looks on a background with the Hex color 160B58.



This preview shows how white text looks on a background with the Hex color 160B58.

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
160B58

Protanopia
001C3C

Deuteranopia
001E33

Trichromacy



Original Color
160B58

Protanomaly
081646

Deuteranomaly
081740

Tritanomaly
081936

Monochromacy



Original Color
160B58

Achromatopsia
171717

Achromatomaly
17132F

CSS Examples

Text

The CSS property to change the color of the text to Hex 160B58 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 #160B58 looks like.

```
.text, #text, p{  
    color:#160B58  
}
```

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 #160B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160B58
}
```

Border

The CSS property to change the border of an element to Hex 160B58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

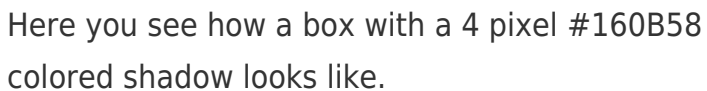
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#160B58 }
```

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

```
.border{ border-color:#160B58 }
```

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



Here you see how a box with a 4 pixel #160B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160B58; -webkit-box-shadow:4px 4px  
4px 4px #160B58; box-shadow:4px 4px 4px  
4px #160B58 }
```

Background

The CSS property to change the background color of an element to Hex 160B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160B58 }
```

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

```
.background{ background-color:#160B58 }
```

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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