

Converting Colors

Hex(160087)

Have a look what the booklet for
Hex(160087) contains.

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Color

Hex(160087)

Conversions

Conversions Part 1

Format	Color
Hex	160087
RGB	22, 0, 135
RGB Percent	9%, 0%, 53%
CMY	0.9137, 1.0000, 0.4706
CMYK	0.84, 1.00, 0.00, 0.47
HSL	250°, 100%, 26%
HSV	250°, 100%, 53%
XYZ	4.7041, 1.9198, 23.0443
YIQ	21.9680, -30.2230, 46.6490

Conversions

Conversions Part 2

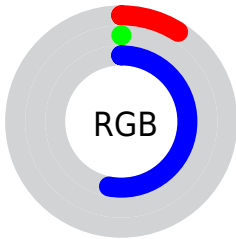
Format	Color
R_{YB}	22, 0, 135
Decimal	1441927
CIE Lab	15.06, 49.69, -65.63
CIE LCh	15, 82.324, 307.130
Yxy	1.9198, 0.1586, 0.0647
Android (android.graphics.Color)	4279632007 (0xFF160087)
YUV	21.9680, 55.7248, 0.0281
Hunter-Lab	13.8558, 36.3529, -88.9089

Details

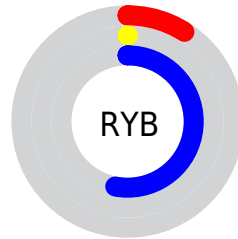
The Hex color **160087** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **718700**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5C35BE**, and **000054** is the 20% darker color. If you saturate the color by 10%, you get **160087**, and if you desaturate by 10%, it is **210D87**.

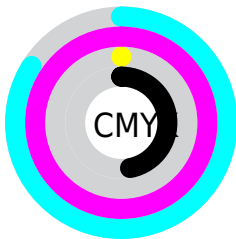
Distribution



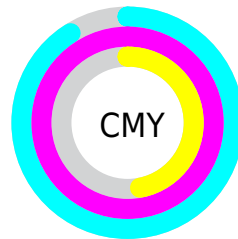
- Red (9%)
- Green (0%)
- Blue (53%)



- Red (9%)
- Yellow (0%)
- Blue (53%)



- Cyan (84%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (91%)
- Magenta (100%)
- Yellow (47%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160087 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 160087 by changing the saturation by 10% instead.

 160087

 160087

 FFF0FF

 00006D

 5C35BE

 000054

 794EDA

 00063B

 9667F7

 000225

 B481FF

 00010D

 D19CFF

 000000

 EFB7FF

 FFD4FF

 160087

■ 210D87

■ 2D1B87

■ 382987

■ 433687

■ 4F4487

■ 5A5187

■ 655E87

■ 706C87

■ 7C7A87

Harmonies

Analogous

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



002FA0



160087



6E0055

Triad

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



160087



510800



003633

Complementary

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



160087



718700

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.



003500



160087



232900

Square

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



160087



710000



003200



003A6D

Rectangle

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



160087



7D002F



003200



00361F

Sweetspot

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



160087



847BB0



007387



3E3959



D9D9D9



595959

Same Dimension

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



160087



1D00B0



580087



3D3C42



150082



000003

Inverse Universe

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



870071



B00093



2F8700



423C41



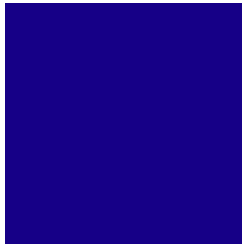
82006D



030002

Previews

White Background



This preview shows how the Hex color 160087 looks on a white background.

Color Contrast Check

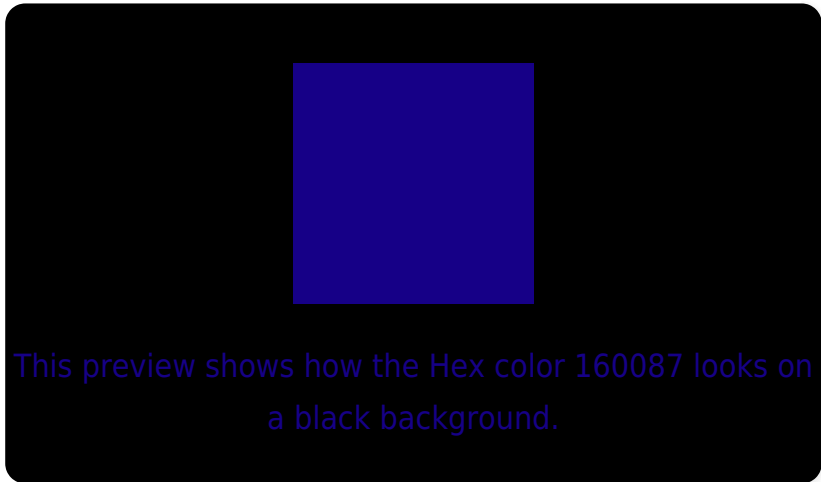
Large Text (above 18pt) WCAG AA ✓ Pass

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

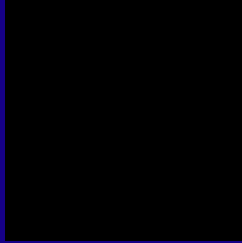
Any Text WCAG AA × Fail

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 160087 Background



This preview shows how black text looks on a background with the Hex color 160087.



This preview shows how white text looks on a background with the Hex color 160087.

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
160087

Protanopia
002855

Deuteranopia
002B48



Tritanopia
002F31

Trichromacy



Original Color
160087

Protanomaly
081967

Deuteranomaly
081B5F

Tritanomaly
081E50

Monochromacy



Original Color
160087

Achromatopsia
161616

Achromatomaly
160E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 160087 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 #160087 looks like.

```
.text, #text, p{  
    color:#160087  
}
```

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 #160087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160087
}
```

Border

The CSS property to change the border of an element to Hex 160087 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
#160087 }
```

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

```
.border{ border-color:#160087 }
```

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

Here you see how a box with a 4 pixel #160087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160087; -webkit-box-shadow:4px 4px  
4px 4px #160087; box-shadow:4px 4px 4px  
4px #160087 }
```

Background

The CSS property to change the background color of an element to Hex 160087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160087 }
```

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

```
.background{ background-color:#160087 }
```

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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