

Converting Colors

Hex(00158D)

Have a look what the booklet for
Hex(00158D) contains.

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Color

Hex(00158D)

Conversions

Conversions Part 1

Format	Color
Hex	00158D
RGB	0, 21, 141
RGB Percent	0%, 8%, 55%
CMY	1.0000, 0.9176, 0.4471
CMYK	1.00, 0.85, 0.00, 0.45
HSL	231°, 100%, 28%
HSV	231°, 100%, 55%
XYZ	5.0759, 2.4594, 25.4065
YIQ	28.4010, -51.0360, 32.8680

Conversions

Conversions Part 2

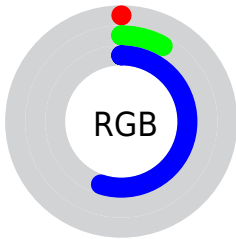
Format	Color
RYB	0, 18, 141
Decimal	5517
CIELab	17.73, 42.88, -64.97
CIELCh	18, 77.844, 303.429
Yxy	2.4594, 0.1541, 0.0747
Android (android.graphics.Color)	4278195597 (0xFF00158D)
YUV	28.4010, 55.5113, -24.9077
Hunter-Lab	15.6825, 30.3297, -85.0750

Details

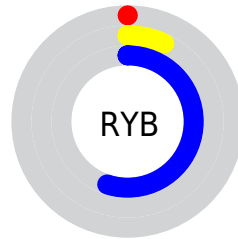
The Hex color **00158D** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8D7800**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5543C4**, and **000059** is the 20% darker color. If you saturate the color by 10%, you get **00158D**, and if you desaturate by 10%, it is **0E218D**.

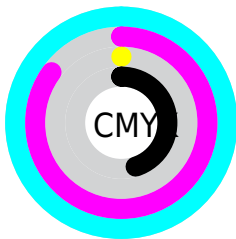
Distribution



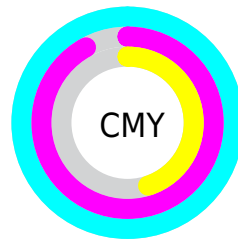
- Red (0%)
- Green (8%)
- Blue (55%)



- Red (0%)
- Yellow (7%)
- Blue (55%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (92%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00158D 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 00158D by changing the saturation by 10% instead.

■ 00158D

■ 00158D

FFFEFF

■ 000173

■ 5543C4

■ 000059

■ 735BE0

■ 000741

■ 9074FE

■ 00032A

■ AE8EFF

■ 000114

■ CBA9FF

■ 000000

■ E9C5FF

■ FFE1FF

■ 00158D

■ 0E218D

■ 1C2D8D

■ 2A398D

■ 38458D

■ 47518D

■ 555D8D

■ 63698D

■ 71758D

■ 7F818D

Harmonies

Analogous

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



0035A1



00158D



6D005F

Triad

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



00158D



5C0A00



003E31

Complementary

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



00158D



8D7800

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.



003C00



00158D



312C00

Square

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



00158D



790000



003700



003F6A

Rectangle

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



00158D



7F003B



003700



003D1D

Sweetspot

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



00158D



8189B8



008D78



3B405C



DBDBDB



5C5C5C

Same Dimension

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



00158D



001BB8



31008D



404147



001487



000108

Inverse Universe

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



8D0015



B8001B



5C8D00



474041



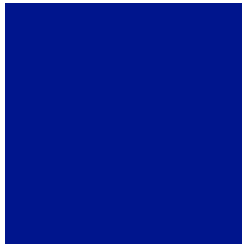
870014



080001

Previews

White Background



This preview shows how the Hex color 00158D looks on a white background.

Color Contrast Check

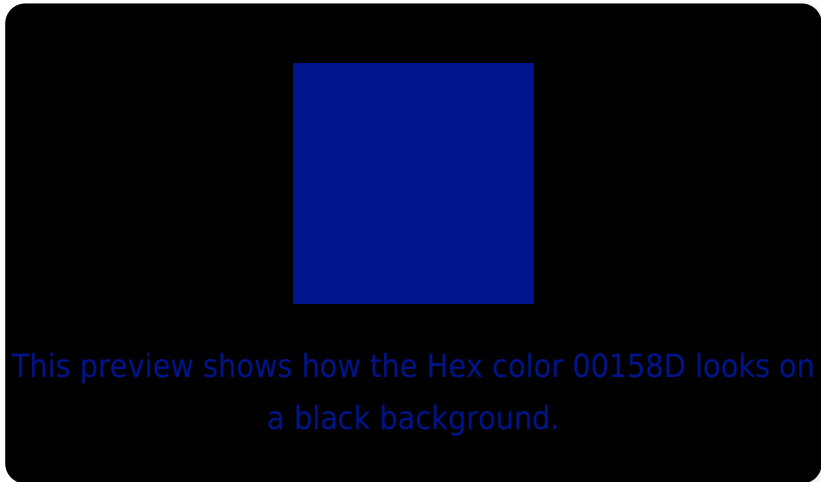
Large Text (above 18pt) WCAG AA ✓ Pass

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

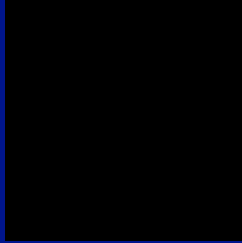
Any Text WCAG AA × Fail

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 00158D Background



This preview shows how black text looks on a background with the Hex color 00158D.



This preview shows how white text looks on a background with the Hex color 00158D.

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
00158D

Protanopia
002C5C

Deuteranopia
002F4E

Trichromacy



Original Color
00158D

Protanomaly
00246E

Deuteranomaly
002665

Tritanomaly
002755

Monochromacy



Original Color
00158D

Achromatopsia
1C1C1C

Achromatomaly
121945

CSS Examples

Text

The CSS property to change the color of the text to Hex 00158D 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 #00158D looks like.

```
.text, #text, p{  
    color:#00158D  
}
```

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 #00158D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00158D
}
```

Border

The CSS property to change the border of an element to Hex 00158D is called "border". The border property can be set on classes, ids or directly on the HTML element.

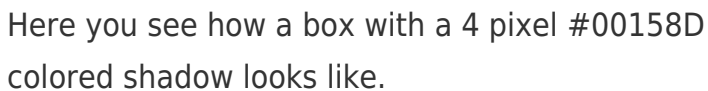
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00158D }
```

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

```
.border{ border-color:#00158D }
```

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



Here you see how a box with a 4 pixel #00158D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00158D; -webkit-box-shadow:4px 4px  
4px 4px #00158D; box-shadow:4px 4px 4px  
4px #00158D }
```

Background

The CSS property to change the background color of an element to Hex 00158D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00158D }
```

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

```
.background{ background-color:#00158D }
```

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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