

Converting Colors

Hex(0151A8)

Have a look what the booklet for
Hex(0151A8) contains.

Hex(0151A8)	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(0151A8)

Conversions

Conversions Part 1

Format	Color
Hex	0151A8
RGB	1, 81, 168
RGB Percent	0%, 32%, 66%
CMY	0.9961, 0.6824, 0.3412
CMYK	0.99, 0.52, 0.00, 0.34
HSL	211°, 99%, 33%
HSV	211°, 99%, 66%
XYZ	10.0228, 8.7185, 38.2004
YIQ	66.9980, -75.6070, 10.0970

Conversions

Conversions Part 2

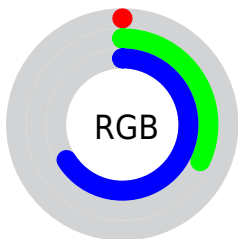
Format	Color
R_{YB}	1, 55, 168
Decimal	86440
CIE _{Lab}	35.44, 14.51, -52.37
CIE _{LCh}	35, 54.348, 285.488
Yxy	8.7185, 0.1760, 0.1531
Android (android.graphics.Color)	4278276520 (0xFF0151A8)
YUV	66.9980, 49.7940, -57.8802
Hunter-Lab	29.5270, 8.9187, -56.0370

Details

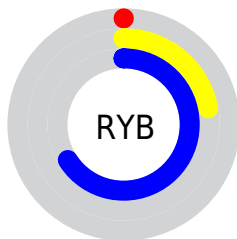
The Hex color **0151A8** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A85801**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5982E0**, and **002673** is the 20% darker color. If you saturate the color by 10%, you get **0050A8**, and if you desaturate by 10%, it is **125AA8**.

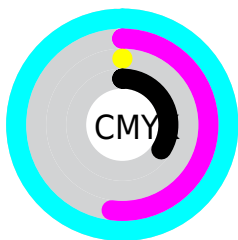
Distribution



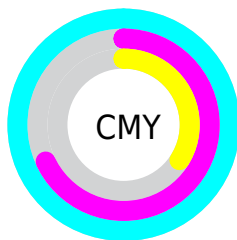
- Red (0%)
- Green (32%)
- Blue (66%)



- Red (0%)
- Yellow (22%)
- Blue (66%)



- Cyan (99%)
- Magenta (52%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (68%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0151A8 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 0151A8 by changing the saturation by 10% instead.

■ 0151A8

■ 0151A8

FFFFFF

■ 003B8D

■ 5982E0

■ 002673

■ 779BFD

■ 00135A

■ 95B6FF

■ 000742

■ B2D2FF

■ 00032B

■ D0EEFF

■ 000115

■ EEEFFF

■ 000000

■ 0151A8

■ 0151A8

■ 0050A8

■ 125AA8

■ 2363A8

■ 336BA8

■ 4474A8

■ 557DA8

■ 6686A8

■ 778EA8

■ 8797A8

■ 98A0A8

Harmonies

Analogous

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



005EA8



0151A8



703C91

Triad

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



0151A8



933515



00653C

Complementary

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



0151A8



A85801

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.



16610B



0151A8



774A00

Square

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



0151A8



9F203F



515800



006669

Rectangle

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



0151A8



8C2B78



515800



00642D

Sweetspot

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



0151A8



9AB9DB



01A857



46596E



EDEDED



6E6E6E

Same Dimension

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



0151A8



0069DB



0401A8



4C5054



004794



000A14

Inverse Universe

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



A80151



DB0069



A5A801



544C50



940047



14000A

Previews

White Background



This preview shows how the Hex color 0151A8 looks on a white background.

Color Contrast Check

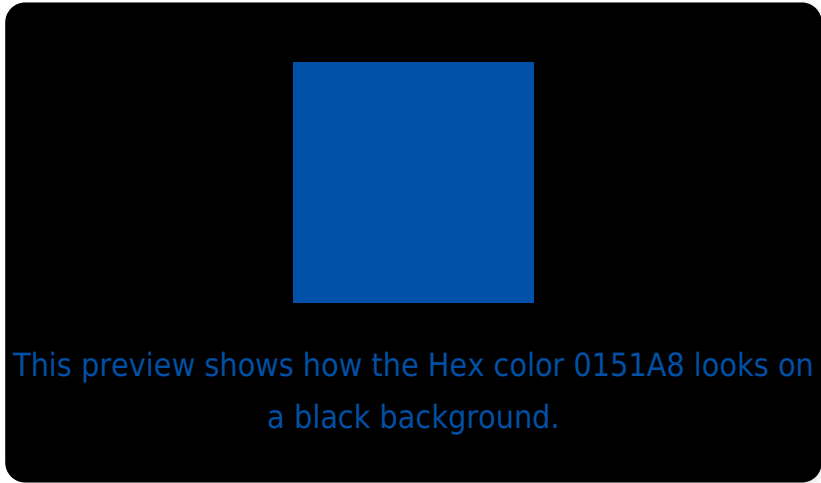
Large Text (above 18pt) WCAG AA ✓ Pass

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

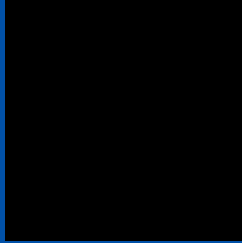
Any Text WCAG AA × Fail

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 0151A8 Background



This preview shows how black text looks on a background with the Hex color 0151A8.



This preview shows how white text looks on a background with the Hex color 0151A8.

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





Tritanopia
005D63

Trichromacy



Original Color
0151A8

Protanomaly
0F50A7

Deuteranomaly
00549B

Tritanomaly
00597C

Monochromacy



Original Color
0151A8

Achromatopsia
434343

Achromatomaly
2B4868

CSS Examples

Text

The CSS property to change the color of the text to Hex 0151A8 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 #0151A8 looks like.

```
.text, #text, p{  
    color:#0151A8  
}
```

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 #0151A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0151A8  
}
```

Border

The CSS property to change the border of an element to Hex 0151A8 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  
#0151A8 }
```

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

```
.border{ border-color:#0151A8 }
```

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

Here you see how a box with a 4 pixel #0151A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0151A8; -webkit-box-shadow:4px 4px  
4px 4px #0151A8; box-shadow:4px 4px 4px  
4px #0151A8 }
```

Background

The CSS property to change the background color of an element to Hex 0151A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0151A8 }
```

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

```
.background{ background-color:#0151A8 }
```

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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