

Converting Colors

Hex(0150AC)

Have a look what the booklet for
Hex(0150AC) contains.

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Color

Hex(0150AC)

Conversions

Conversions Part 1

Format	Color
Hex	0150AC
RGB	1, 80, 172
RGB Percent	0%, 31%, 67%
CMY	0.9961, 0.6863, 0.3255
CMYK	0.99, 0.53, 0.00, 0.33
HSL	212°, 99%, 34%
HSV	212°, 99%, 67%
XYZ	10.3276, 8.7223, 40.1690
YIQ	66.8670, -76.6160, 11.8640

Conversions

Conversions Part 2

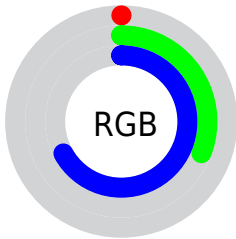
Format	Color
RYB	1, 55, 172
Decimal	86188
CIELab	35.44, 16.85, -54.74
CIELCh	35, 57.279, 287.109
Yxy	8.7223, 0.1744, 0.1473
Android (android.graphics.Color)	4278276268 (0xFF0150AC)
YUV	66.8670, 51.8306, -57.7654
Hunter-Lab	29.5336, 10.7357, -59.9675

Details

The Hex color **0150AC** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AC5D01**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5A80E4**, and **002577** is the 20% darker color. If you saturate the color by 10%, you get **004FAC**, and if you desaturate by 10%, it is **1259AC**.

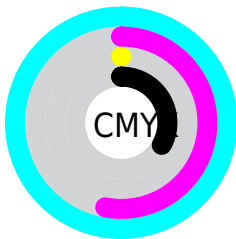
Distribution



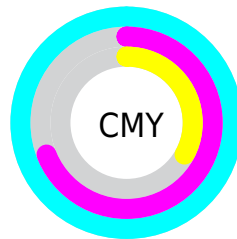
- Red (0%)
- Green (31%)
- Blue (67%)



- Red (0%)
- Yellow (22%)
- Blue (67%)



- Cyan (99%)
- Magenta (53%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0150AC 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 0150AC by changing the saturation by 10% instead.

0150AC

0150AC

FFFFFF

003A91

5A80E4

002577

799AFF

00125D

97B5FF

000845

B4D0FF

00032E

D2ECFF

000118

F0FFFF

000000

0150AC

0150AC

004FAC

1259AC

■ 2363AC

■ 356CAC

■ 4675AC

■ 577EAC

■ 6888AC

■ 7991AC

■ 8B9AAC

■ 9CA3AC

Harmonies

Analogous

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



005FAD



0150AC



753992

Triad

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



0150AC



94330E



00663D

Complementary

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



0150AC



AC5D01

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.



026208



0150AC



764A00

Square

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



0150AC



A2193C



4E5900



00676D

Rectangle

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



0150AC



912578



4E5900



00652D

Sweetspot

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



0150AC



9DBCE0



01AC5C



485A70



F0F0F0



707070

Same Dimension

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



0150AC



0068E0



0701AC



4E5257



004696



000B17

Inverse Universe

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



AC0150



E00068



A6AC01



574E52



960046



17000B

Previews

White Background



This preview shows how the Hex color 0150AC looks on a white background.

Color Contrast Check

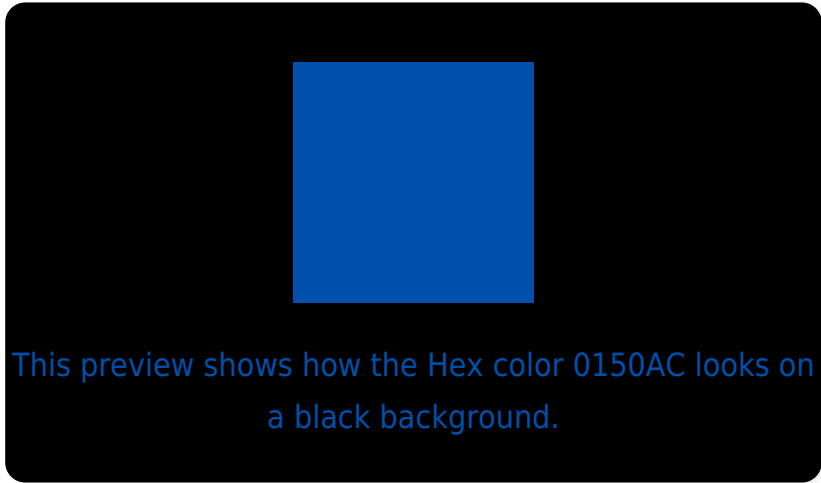
Large Text (above 18pt) WCAG AA ✓ Pass

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

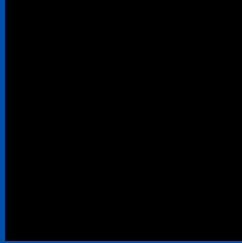
Any Text WCAG AA × Fail

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 0150AC Background



This preview shows how black text looks on a background with the Hex color 0150AC.



This preview shows how white text looks on a background with the Hex color 0150AC.

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
0150AC

Protanopia
0050AB

Deuteranopia
005593



Tritanopia
005D63

Trichromacy



Original Color
0150AC

Protanomaly
0050AB

Deuteranomaly
00539C

Tritanomaly
00587E

Monochromacy



Original Color
0150AC

Achromatopsia
434343

Achromatomaly
2B4869

CSS Examples

Text

The CSS property to change the color of the text to Hex 0150AC 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 #0150AC looks like.

```
.text, #text, p{  
    color:#0150AC  
}
```

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 #0150AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0150AC
}
```

Border

The CSS property to change the border of an element to Hex 0150AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

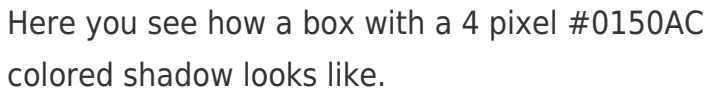
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0150AC }
```

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

```
.border{ border-color:#0150AC }
```

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



Here you see how a box with a 4 pixel #0150AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0150AC; -webkit-box-shadow:4px 4px  
4px 4px #0150AC; box-shadow:4px 4px 4px  
4px #0150AC }
```

Background

The CSS property to change the background color of an element to Hex 0150AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0150AC }
```

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

```
.background{ background-color:#0150AC }
```

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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