

Converting Colors

Hex(0143AA)

Have a look what the booklet for
Hex(0143AA) contains.

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Color

Hex(0143AA)

Conversions

Conversions Part 1

Format	Color
Hex	0143AA
RGB	1, 67, 170
RGB Percent	0%, 26%, 67%
CMY	0.9961, 0.7373, 0.3333
CMYK	0.99, 0.61, 0.00, 0.33
HSL	217°, 99%, 34%
HSV	217°, 99%, 67%
XYZ	9.2754, 6.9230, 38.8776
YIQ	59.0080, -72.3990, 18.0410

Conversions

Conversions Part 2

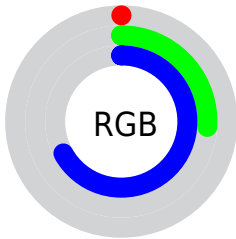
Format	Color
RYB	1, 48, 170
Decimal	82858
CIELab	31.63, 24.89, -59.76
CIELCh	32, 64.741, 292.611
Yxy	6.9230, 0.1684, 0.1257
Android (android.graphics.Color)	4278272938 (0xFF0143AA)
YUV	59.0080, 54.7191, -50.8730
Hunter-Lab	26.3117, 16.8793, -69.1876

Details

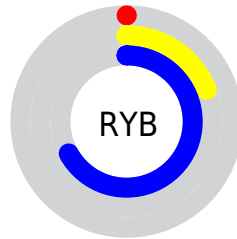
The Hex color **0143AA** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AA6801**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5B72E2**, and **001A75** is the 20% darker color. If you saturate the color by 10%, you get **0042AA**, and if you desaturate by 10%, it is **124DAA**.

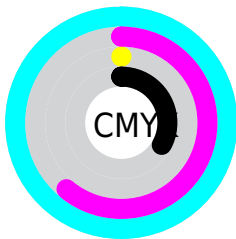
Distribution



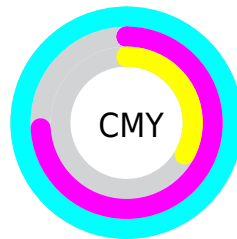
- Red (0%)
- Green (26%)
- Blue (67%)



- Red (0%)
- Yellow (19%)
- Blue (67%)



- Cyan (99%)
- Magenta (61%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (74%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0143AA 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 0143AA by changing the saturation by 10% instead.

■ 0143AA

■ 0143AA

FFFFFF

■ 002D8F

■ 5B72E2

■ 001A75

■ 798CFF

■ 00005B

■ 97A6FF

■ 000743

■ B5C1FF

■ 00032C

■ D3DDFF

■ 000116

■ F1F9FF

■ 000000

■ 0143AA

■ 0143AA

■ 0042AA

■ 124DAA

■ 2358AA

■ 3462AA

■ 456CAA

■ 5677AA

■ 6781AA

■ 788CAA

■ 8996AA

■ 9AA0AA

Harmonies

Analogous

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



0055B1



0143AA



782189

Triad

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



0143AA



8A2900



005E3C

Complementary

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



0143AA



AA6801

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.



005B00



0143AA



664400

Square

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



0143AA



9E0027



375300



005F70

Rectangle

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



0143AA



93006A



375300



005D2A

Sweetspot

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



0143AA



9BB5DE



01AA66



485870



F0F0F0



707070

Same Dimension

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



0143AA



0057DE



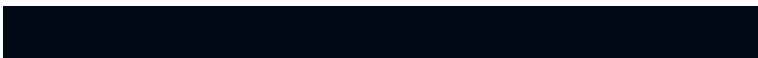
1201AA



4C4F54



003A94



000814

Inverse Universe

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



AA0143



DE0057



99AA01



544C4F



94003A



140008

Previews

White Background



This preview shows how the Hex color 0143AA looks on a white background.

Color Contrast Check

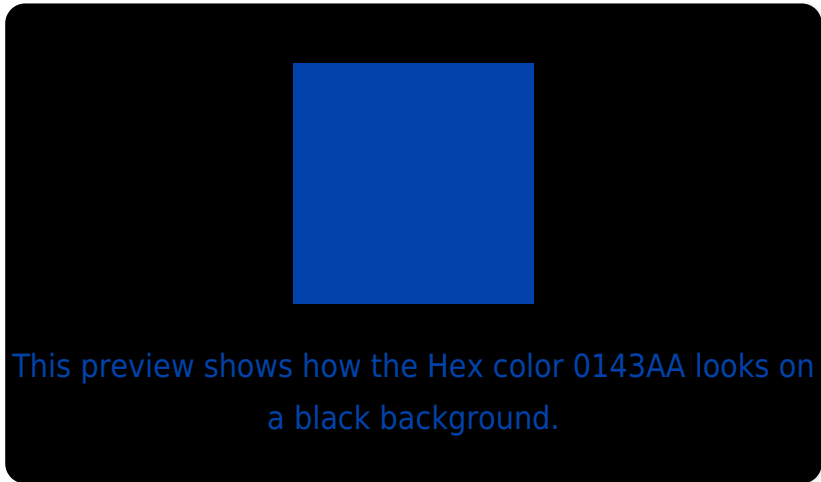
Large Text (above 18pt) WCAG AA ✓ Pass

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

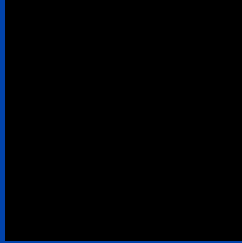
Any Text WCAG AA × Fail

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 0143AA Background



This preview shows how black text looks on a background with the Hex color 0143AA.



This preview shows how white text looks on a background with the Hex color 0143AA.

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
0143AA

Protanopia
004898

Deuteranopia
004D83

Trichromacy



Original Color
0143AA

Protanomaly
00469F

Deuteranomaly
004991

Tritanomaly
004D76

Monochromacy



Original Color
0143AA

Achromatopsia
3B3B3B

Achromatomaly
263E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 0143AA 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 #0143AA looks like.

```
.text, #text, p{  
    color:#0143AA  
}
```

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 #0143AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0143AA
}
```

Border

The CSS property to change the border of an element to Hex 0143AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

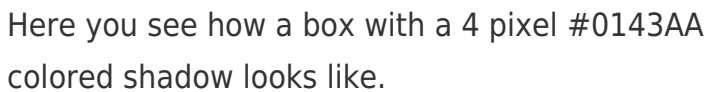
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0143AA }
```

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

```
.border{ border-color:#0143AA }
```

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



Here you see how a box with a 4 pixel #0143AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0143AA; -webkit-box-shadow:4px 4px  
4px 4px #0143AA; box-shadow:4px 4px 4px  
4px #0143AA }
```

Background

The CSS property to change the background color of an element to Hex 0143AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0143AA }
```

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

```
.background{ background-color:#0143AA }
```

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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