

Converting Colors

Hex(033ACA)

Have a look what the booklet for
Hex(033ACA) contains.

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Color

Hex(033ACA)

Conversions

Conversions Part 1

Format	Color
Hex	033ACA
RGB	3, 58, 202
RGB Percent	1%, 23%, 79%
CMY	0.9882, 0.7725, 0.2078
CMYK	0.99, 0.71, 0.00, 0.21
HSL	223°, 97%, 40%
HSV	223°, 99%, 79%
XYZ	12.2113, 7.3097, 56.6444
YIQ	57.9710, -79.0040, 33.1240

Conversions

Conversions Part 2

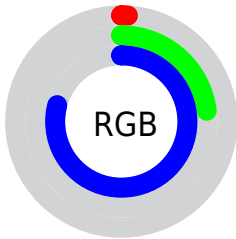
Format	Color
R _Y B	3, 46, 202
Decimal	211658
CIE Lab	32.50, 43.24, -77.23
CIE LCh	33, 88.508, 299.242
Yxy	7.3097, 0.1603, 0.0960
Android (android.graphics.Color)	4278401738 (0xFF033ACA)
YUV	57.9710, 71.0063, -48.2096
Hunter-Lab	27.0365, 33.3071, -105.2933

Details

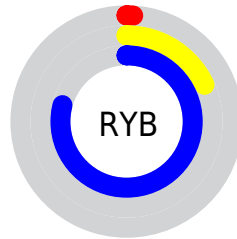
The Hex color **033ACA** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **CA9303**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6669FF**, and **001192** is the 20% darker color. If you saturate the color by 10%, you get **0038CA**, and if you desaturate by 10%, it is **1749CA**.

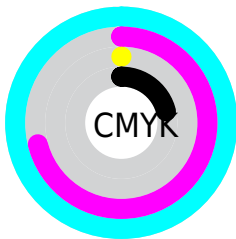
Distribution



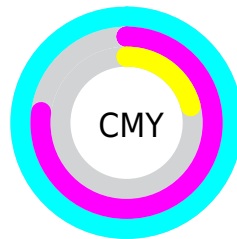
- Red (1%)
- Green (23%)
- Blue (79%)



- Red (1%)
- Yellow (18%)
- Blue (79%)



- Cyan (99%)
- Magenta (71%)
- Yellow (0%)
- Black (21%)



- Cyan (99%)
- Magenta (77%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033ACA 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 033ACA by changing the saturation by 10% instead.

 033ACA

 033ACA


FFFFFF

 0024AE


 6669FF

 001192

 8783FF

 000078


 A69DFF

 00065E

 C5B8FF


 000845

 E4D4FF

 00042E

 FFF0FF

 000118

 000000

 033ACA

 033ACA

■ 0038CA

■ 1749CA

■ 2B57CA

■ 4066CA

■ 5474CA

■ 6883CA

■ 7C92CA

■ 90A0CA

■ A5AFCA

■ B9BECA

Harmonies

Analogous

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



0059DD



033ACA



980096

Triad

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



033ACA



932200



006449

Complementary

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



033ACA



CA9303

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.



006100



033ACA



604A00

Square

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



033ACA



B5000E



005B00



006690

Rectangle

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



033ACA



B40069



005B00



006330

Sweetspot

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



033ACA



B3C8FF



03CA92



525E80



000000



808080

Same Dimension

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



033ACA



0046FF



2E03CA



5C5F66



002EA6



000B26

Inverse Universe

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



CA033A



FF0046



9FCA03



665C5F



A6002E



26000B

Previews

White Background



This preview shows how the Hex color 033ACA looks on a white background.

Color Contrast Check

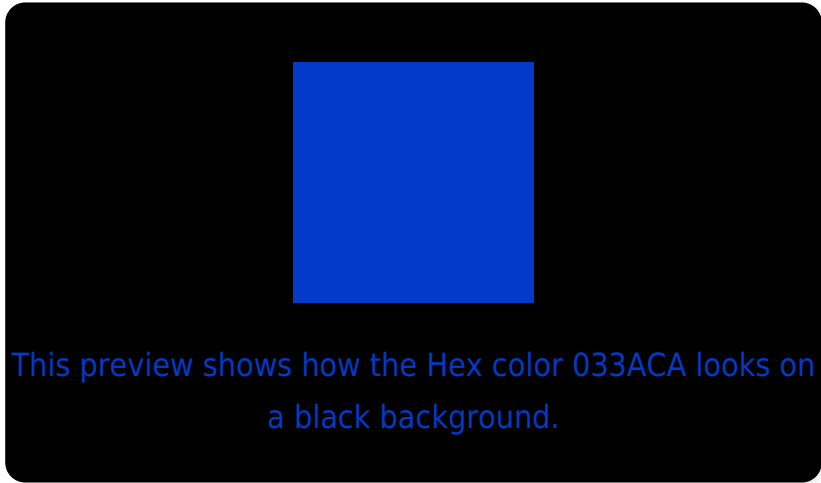
Large Text (above 18pt) WCAG AA ✓ Pass

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

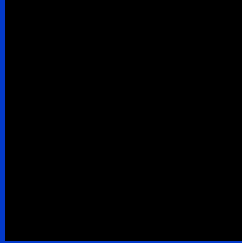
Any Text WCAG AA × Fail

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 033ACA Background



This preview shows how black text looks on a background with the Hex color 033ACA.



This preview shows how white text looks on a background with the Hex color 033ACA.

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
033ACA

Protanopia
004A9B

Deuteranopia
004F84

Trichromacy



Original Color
033ACA

Protanomaly
0144AC

Deuteranomaly
01479D

Tritanomaly
014B82

Monochromacy



Original Color
033ACA

Achromatopsia
3A3A3A

Achromatomaly
263A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 033ACA 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 #033ACA looks like.

```
.text, #text, p{  
    color:#033ACA  
}
```

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 #033ACA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033ACA
}
```

Border

The CSS property to change the border of an element to Hex 033ACA 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
#033ACA }
```

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

```
.border{ border-color:#033ACA }
```

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

Here you see how a box with a 4 pixel #033ACA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033ACA; -webkit-box-shadow:4px 4px  
4px 4px #033ACA; box-shadow:4px 4px 4px  
4px #033ACA }
```

Background

The CSS property to change the background color of an element to Hex 033ACA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033ACA }
```

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

```
.background{ background-color:#033ACA }
```

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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