

Converting Colors

Hex(044BAC)

Have a look what the booklet for
Hex(044BAC) contains.

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Color

Hex(044BAC)

Conversions

Conversions Part 1

Format	Color
Hex	044BAC
RGB	4, 75, 172
RGB Percent	2%, 29%, 67%
CMY	0.9843, 0.7059, 0.3255
CMYK	0.98, 0.56, 0.00, 0.33
HSL	215°, 95%, 35%
HSV	215°, 98%, 67%
XYZ	10.0125, 8.0365, 40.0532
YIQ	64.8290, -73.4530, 15.1150

Conversions

Conversions Part 2

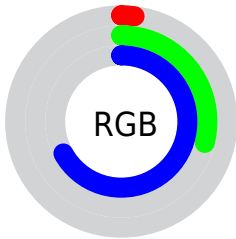
Format	Color
RYB	4, 54, 172
Decimal	281516
CIELab	34.06, 20.37, -56.99
CIELCh	34, 60.526, 289.667
Yxy	8.0365, 0.1723, 0.1383
Android (android.graphics.Color)	4278471596 (0xFF044BAC)
YUV	64.8290, 52.8353, -53.3470
Hunter-Lab	28.3488, 13.4343, -63.9251

Details

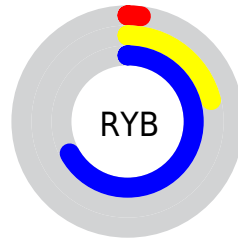
The Hex color **044BAC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AC6504**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5B7BE4**, and **002177** is the 20% darker color. If you saturate the color by 10%, you get **0049AC**, and if you desaturate by 10%, it is **1555AC**.

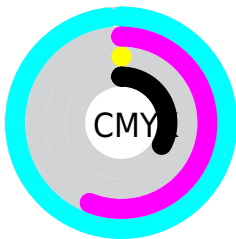
Distribution



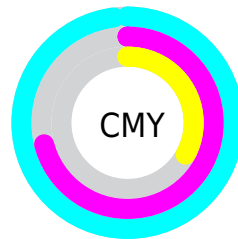
- Red (2%)
- Green (29%)
- Blue (67%)



- Red (2%)
- Yellow (21%)
- Blue (67%)



- Cyan (98%)
- Magenta (56%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (71%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044BAC 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 044BAC by changing the saturation by 10% instead.

 044BAC

 044BAC

FFFFFF

 003591

 5B7BE4

 002177

 7A95FF

 000C5D


 98AFFF

 000845

 B5CAFF

 00032D

 D3E6FF

 000118

 F1FFFF

 000000

 044BAC

 044BAC

 0049AC

 1555AC

■ 265FAC

■ 3869AC

■ 4973AC

■ 5A7DAC

■ 6B87AC

■ 7C91AC

■ 8E9AAC

■ 9FA4AC

Harmonies

Analogous

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



005BB0



044BAC



77308F

Triad

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



044BAC



903000



00633D

Complementary

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



044BAC



AC6504

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.



005F02



044BAC



704800

Square

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



044BAC



A10933



455700



00646F

Rectangle

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



044BAC



931773



455700



00622C

Sweetspot

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



044BAC



9FBBE0



04AC63



495A70



F0F0F0



707070

Same Dimension

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



044BAC



005FE0



0F04AC



4E5257



004096



000A17

Inverse Universe

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



AC044B



E0005F



A1AC04



574E52



960040



17000A

Previews

White Background



This preview shows how the Hex color 044BAC looks on a white background.

Color Contrast Check

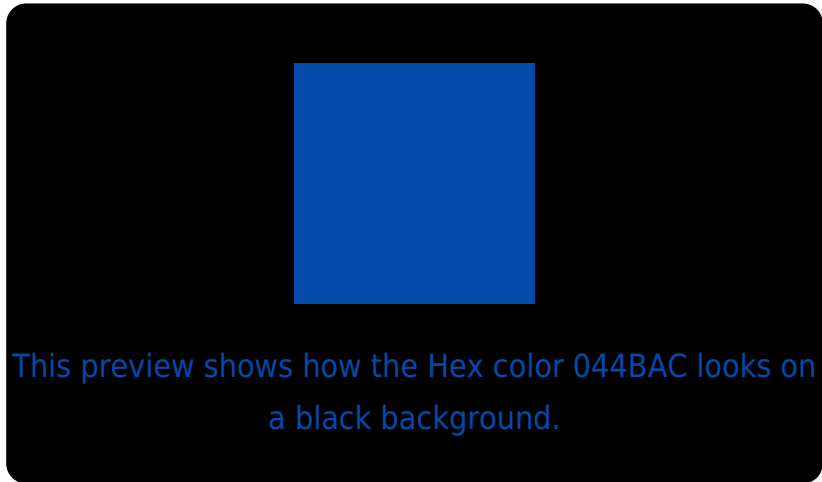
Large Text (above 18pt) WCAG AA ✓ Pass

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

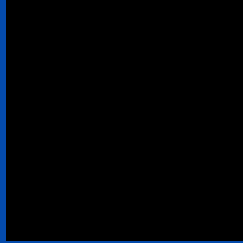
Any Text WCAG AA × Fail

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 044BAC Background



This preview shows how black text looks on a background with the Hex color 044BAC.



This preview shows how white text looks on a background with the Hex color 044BAC.

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

044BAC

Protanopia

004DA4

Deuteranopia

00528D

Trichromacy



Original Color
044BAC

Protanomaly
014CA7

Deuteranomaly
014F98

Tritanomaly
01547A

Monochromacy



Original Color
044BAC

Achromatopsia
414141

Achromatomaly
2B4568

CSS Examples

Text

The CSS property to change the color of the text to Hex 044BAC 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 #044BAC looks like.

```
.text, #text, p{  
    color:#044BAC  
}
```

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 #044BAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044BAC
}
```

Border

The CSS property to change the border of an element to Hex 044BAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

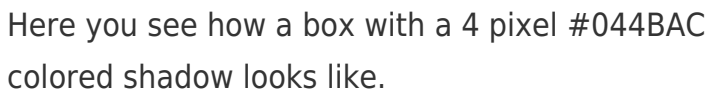
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#044BAC }
```

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

```
.border{ border-color:#044BAC }
```

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



Here you see how a box with a 4 pixel #044BAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044BAC; -webkit-box-shadow:4px 4px  
4px 4px #044BAC; box-shadow:4px 4px 4px  
4px #044BAC }
```

Background

The CSS property to change the background color of an element to Hex 044BAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044BAC }
```

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

```
.background{ background-color:#044BAC }
```

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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