

# Converting Colors

Hex(052BAA)

Have a look what the booklet for  
Hex(052BAA) contains.

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**Color**

**Hex(052BAA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	052BAA
RGB	5, 43, 170
RGB Percent	2%, 17%, 67%
CMY	0.9804, 0.8314, 0.3333
CMYK	0.97, 0.75, 0.00, 0.33
HSL	226°, 94%, 34%
HSV	226°, 97%, 67%
XYZ	8.1822, 4.6623, 38.4989
YIQ	46.1160, -63.4150, 31.4410

# Conversions

## Conversions Part 2

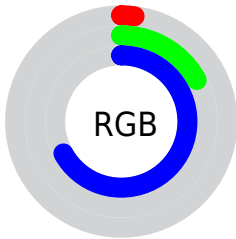
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 36, 170
Decimal	338858
CIELab	25.75, 40.82, -69.44
CIELCh	26, 80.549, 300.446
Yxy	4.6623, 0.1594, 0.0908
Android (android.graphics.Color)	4278528938 (0xFF052BAA)
YUV	46.1160, 61.0748, -36.0587
Hunter-Lab	21.5924, 29.8538, -90.5986

# Details

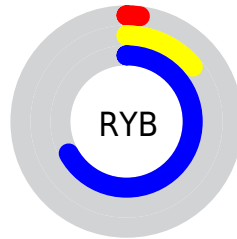
The Hex color **052BAA** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **AA8405**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5E59E3**, and **000374** is the 20% darker color. If you saturate the color by 10%, you get **0027AA**, and if you desaturate by 10%, it is **1638AA**.

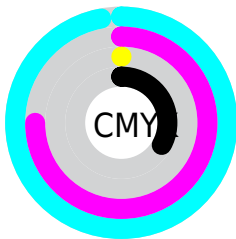
# Distribution



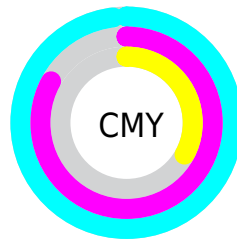
- Red (2%)
- Green (17%)
- Blue (67%)



- Red (2%)
- Yellow (14%)
- Blue (67%)



- Cyan (97%)
- Magenta (75%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (83%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 052BAA 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 052BAA by changing the saturation by 10% instead.



■ 052BAA

■ 052BAA

FFFFFF

■ 00168F

■ 5E59E3

■ 000374

■ 7D72FF

■ 00005B

■ 9B8CFF

■ 000742

■ B9A6FF

■ 00032B

■ D7C2FF

■ 000115

■ F6DEFF

■ 000000

■ FFFAFF

■ 052BAA

■ 052BAA

■ 0027AA

■ 1638AA

■ 2745AA

■ 3852AA

■ 495FAA

■ 5A6CAA

■ 6B7AAA

■ 7C87AA

■ 8D94AA

■ 9EA1AA

# Harmonies

## Analogous

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



0048BC



052BAA



81007B

# Triad

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



052BAA



791800



00513D

# Complementary

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



052BAA



AA8405

# 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.



004F00



052BAA



4B3C00

# Square

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



052BAA



970000



004A00



00537B

# Rectangle

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



052BAA



980053



004A00



005027



# Sweetspot

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



052BAA



9EACDE



05AA83



495270



F0F0F0



707070



# Same Dimension

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



052BAA



0033DE



3105AA



4C4E54



002294



000514



# Inverse Universe

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



AA052B



DE0033



7EAA05



544C4E



940022

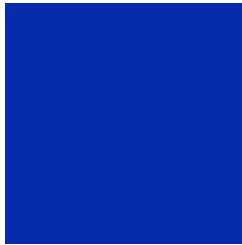


140005



# Previews

## White Background



This preview shows how the Hex color 052BAA looks on a white background.

## Color Contrast Check

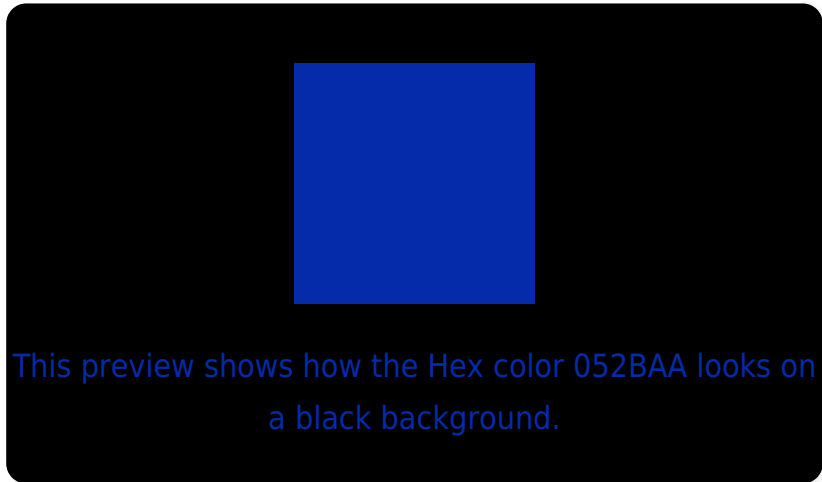
Large Text (above 18pt) WCAG AA ✓ Pass

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

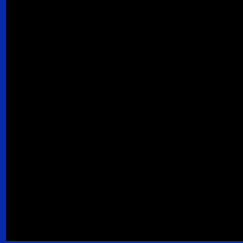
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 052BAA Background



This preview shows how black text looks on a background with the Hex color 052BAA.



This preview shows how white text looks on a background with the Hex color 052BAA.

# 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**  
052BAA

**Protanopia**  
003B7D

**Deuteranopia**  
003F6A

# Trichromacy



**Original Color**  
052BAA

**Protanomaly**  
02358D

**Deuteranomaly**  
023881

# Monochromacy



**Original Color**  
052BAA

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
1F2D5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 052BAA 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 #052BAA looks like.

```
.text, #text, p{  
    color:#052BAA  
}
```

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 #052BAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052BAA
}
```

## Border

The CSS property to change the border of an element to Hex 052BAA 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
#052BAA }
```

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

```
.border{ border-color:#052BAA }
```

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

Here you see how a box with a 4 pixel #052BAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052BAA; -webkit-box-shadow:4px 4px  
4px 4px #052BAA; box-shadow:4px 4px 4px  
4px #052BAA }
```

# Background

The CSS property to change the background color of an element to Hex 052BAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052BAA }
```

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

```
.background{ background-color:#052BAA }
```

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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