

Converting Colors

Hex(052FAA)

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

Hex(052FAA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(052FAA)

Conversions

Conversions Part 1

Format	Color
Hex	052FAA
RGB	5, 47, 170
RGB Percent	2%, 18%, 67%
CMY	0.9804, 0.8157, 0.3333
CMYK	0.97, 0.72, 0.00, 0.33
HSL	225°, 94%, 34%
HSV	225°, 97%, 67%
XYZ	8.3348, 4.9676, 38.5498
YIQ	48.4640, -64.5150, 29.3490

Conversions

Conversions Part 2

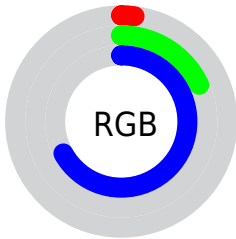
Format	Color
RYB	5, 38, 170
Decimal	339882
CIELab	26.64, 38.34, -67.97
CIELCh	27, 78.032, 299.424
Yxy	4.9676, 0.1607, 0.0958
Android (android.graphics.Color)	4278529962 (0xFF052FAA)
YUV	48.4640, 59.9172, -38.1179
Hunter-Lab	22.2881, 27.7474, -86.9472

Details

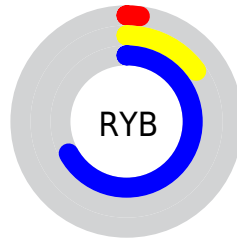
The Hex color **052FAA** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AA8005**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5D5DE2**, and **000774** is the 20% darker color. If you saturate the color by 10%, you get **002BAA**, and if you desaturate by 10%, it is **163CAA**.

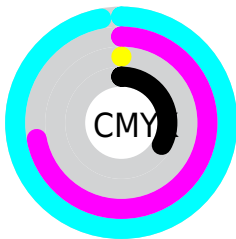
Distribution



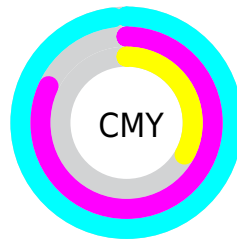
- Red (2%)
- Green (18%)
- Blue (67%)



- Red (2%)
- Yellow (15%)
- Blue (67%)



- Cyan (97%)
- Magenta (72%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (82%)
- Yellow (33%)

Brightness & Saturation Gradients

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

■ 052FAA

■ 052FAA

FFFFFF

■ 001A8F

■ 5D5DE2

■ 000774

■ 7C76FF

■ 00005B

■ 9A90FF

■ 000742

■ B8AAFF

■ 00032B

■ D6C6FF

■ 000115

■ F5E2FF

■ 000000

■ 052FAA

■ 052FAA

■ 002BAA

■ 163CAA

■ 2748AA

■ 3855AA

■ 4962AA

■ 5A6EAA

■ 6B7BAA

■ 7C88AA

■ 8D94AA

■ 9EA1AA

Harmonies

Analogous

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



004ABA



052FAA



80007D

Triad

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



052FAA



7B1B00



00533C

Complementary

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



052FAA



AA8005

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.



005100



052FAA



4F3D00

Square

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



052FAA



980007



004B00



005479

Rectangle

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



052FAA



980057



004B00



005227

Sweetspot

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



052FAA



9EAEDE



05AA7E



495370



F0F0F0



707070

Same Dimension

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



052FAA



0038DE



2C05AA



4C4E54



002694



000514

Inverse Universe

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



AA052F



DE0038



83AA05



544C4E



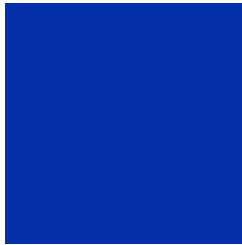
940026



140005

Previews

White Background



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

Color Contrast Check

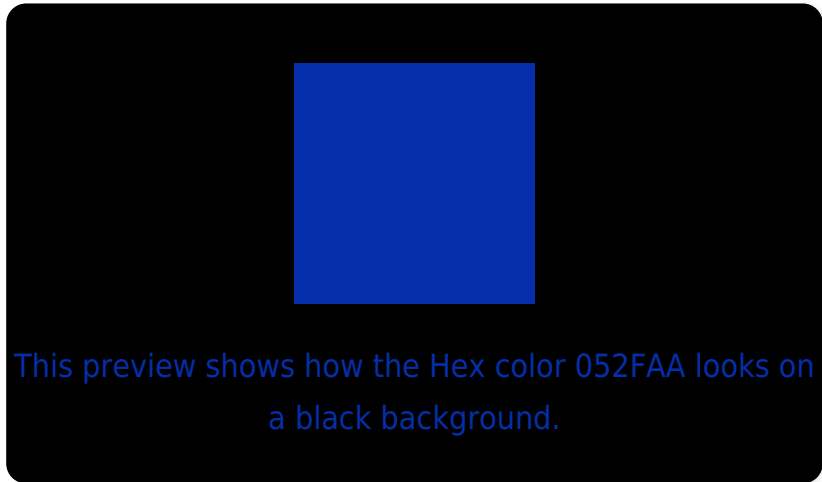
Large Text (above 18pt) WCAG AA ✓ Pass

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

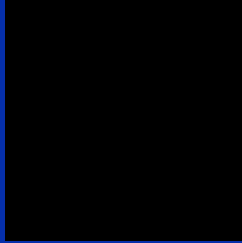
Any Text WCAG AA × Fail

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 052FAA Background



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



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

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
052FAA

Protanopia
003D81

Deuteranopia
00416E



Tritanopia
00464A

Trichromacy



Original Color
052FAA

Protanomaly
023890

Deuteranomaly
023A84

Tritanomaly
023E6D

Monochromacy



Original Color
052FAA

Achromatopsia
303030

Achromatomaly
20305C

CSS Examples

Text

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

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

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 #052FAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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