Converting Colors

Hex(053BAE)

Have a look what the booklet for Hex(053BAE) contains.

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Color

Hex(053BAE)

Conversions

Conversions Part 1

Format	Color
Hex	053BAE
RGB	5, 59, 174
RGB Percent	2%, 23%, 68%
CMY	0.9804, 0.7686, 0.3176
CMYK	0.97, 0.66, 0.00, 0.32
HSL	221°, 94%, 35%
HSV	221°, 97%, 68%
XYZ	9.2665, 6.2162, 40.7558
YIQ	55.9640, -69.0990, 24.3170

Conversions

Conversions Part 2

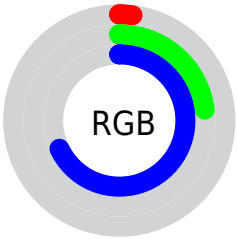
Format	Color
RYB	5, 46, 174
Decimal	342958
CIELab	29.95, 32.06, -64.91
CIELCh	30, 72.395, 296.284
Yxy	6.2162, 0.1648, 0.1105
Android (android.graphics.Color)	4278533038 (0xFF053BAE)
YUV	55.9640, 58.1917, -44.6954
Hunter-Lab	24.9323, 22.7113, -79.4665

Details

The Hex color 053BAE is a dark color, and the websafe version is hex 003399. A complement of this color would be AE7805, and the grayscale version is 373737.

A 20% lighter version of the original color is 5E6AE7, and 001378 is the 20% darker color. If you saturate the color by 10%, you get 0038AE, and if you desaturate by 10%, it is 1647AE.

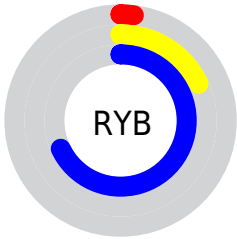
Distribution



Red (2%)

Green (23%)

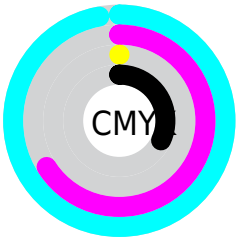
Blue (68%)



Red (2%)

Yellow (18%)

Blue (68%)

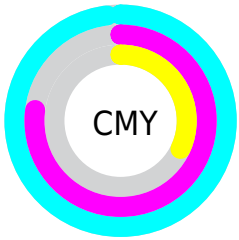


Cyan (97%)

Magenta (66%)

Yellow (0%)

Black (32%)



Cyan (98%)

Magenta (77%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 053BAE 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 053BAE by changing the saturation by 10% instead.

053BAE	053BAE
FFFFFF	002693
5E6AE7	001378
7C83FF	00005F
9A9DFF	000846
B8B8FF	00042F
D6D4FF	000119
F5F0FF	000000

053BAE	053BAE
0038AE	1647AE

2853AE

395FAE

4B6AAE

5C76AE

6D82AE

7F8EAE

909AAE

A2A6AE

Harmonies

Analogous

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

0051BA

053BAE

7F0086

Triad

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

053BAE

862300

005B3E

Complementary

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

053BAE

AE7805

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.

005800

053BAE

5D4200

Square

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

053BAE

9F001A

235100

005C78

Rectangle

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

053BAE

990063

235100

005A29

Sweetspot

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

053BAE

A1B6E3

05AE76

4B5773

F2F2F2

737373

Same Dimension

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

053BAE

0049E3

2105AE

4E5157

003096

000717

Inverse Universe

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

AE053B

E30049

92AE05

574E51

960030

170007

Previews

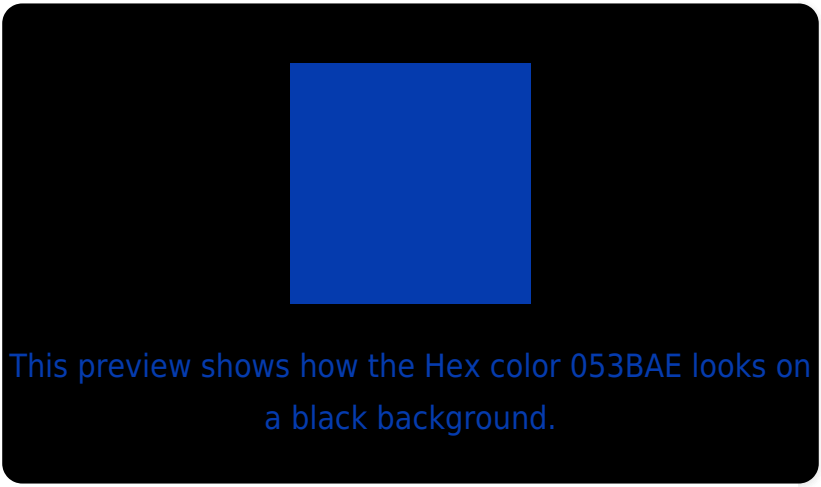
White Background

This preview shows how the Hex color 053BAE 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

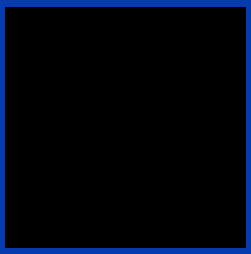


Color Contrast Check

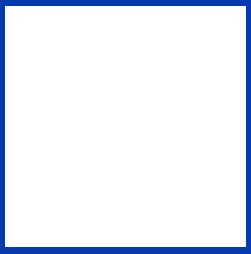
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 053BAE Background



This preview shows how black text looks on a background with the Hex color 053BAE.



This preview shows how white text looks on a background with the Hex color 053BAE.

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
053BAE

Protanopia
004490

Deuteranopia
00497B

Tritanopia
004F53

Trichromacy

Original Color
053BAE

Protanomaly
02419B

Deuteranomaly
02448E

Tritanomaly
024874

Monochromacy

Original Color
053BAE

Achromatopsia
383838

Achromatomaly
253963

CSS Examples

Text

The CSS property to change the color of the text to Hex 053BAE 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 #053BAE looks like.

```
.text, #text, p{
    color:#053BAE
}
```

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 #053BAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053BAE }
```

Border

The CSS property to change the border of an element to Hex 053BAE 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 #053BAE }
```

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

```
.border{ border-color:#053BAE }
```

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

Here you see how a box with a 4 pixel #053BAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #053BAE; -webkit-box-shadow:4px 4px 4px 4px #053BAE; box-shadow:4px 4px 4px 4px #053BAE }
```

Background

The CSS property to change the background color of an element to Hex 053BAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#053BAE }
```

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

```
.background{ background-color:#053BAE }
```

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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