

Converting Colors

Hex(053EAE)

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

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Color

Hex(053EAE)

Conversions

Conversions Part 1

Format	Color
Hex	053EAE
RGB	5, 62, 174
RGB Percent	2%, 24%, 68%
CMY	0.9804, 0.7569, 0.3176
CMYK	0.97, 0.64, 0.00, 0.32
HSL	220°, 94%, 35%
HSV	220°, 97%, 68%
XYZ	9.4252, 6.5335, 40.8087
YIQ	57.7250, -69.9240, 22.7480

Conversions

Conversions Part 2

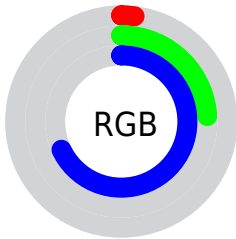
Format	Color
RYB	5, 48, 174
Decimal	343726
CIELab	30.72, 30.05, -63.65
CIELCh	31, 70.383, 295.274
Yxy	6.5335, 0.1660, 0.1151
Android (android.graphics.Color)	4278533806 (0xFF053EAE)
YUV	57.7250, 57.3236, -46.2398
Hunter-Lab	25.5607, 21.0883, -76.7664

Details

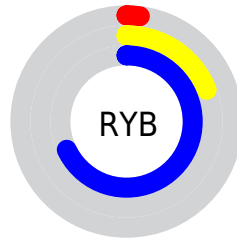
The Hex color **053EAE** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AE7505**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5D6DE7**, and **001678** is the 20% darker color. If you saturate the color by 10%, you get **003BAE**, and if you desaturate by 10%, it is **164AAE**.

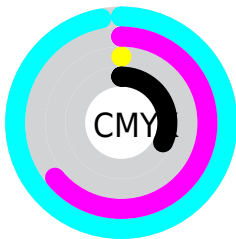
Distribution



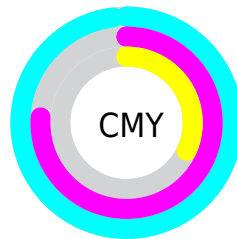
- Red (2%)
- Green (24%)
- Blue (68%)



- Red (2%)
- Yellow (19%)
- Blue (68%)



- Cyan (97%)
- Magenta (64%)
- Yellow (0%)
- Black (32%)



- Cyan (98%)
- Magenta (76%)
- Yellow (32%)

Brightness & Saturation Gradients

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

■ 053EAE

■ 053EAE

FFFFFF

■ 002993

■ 5D6DE7

■ 001678

■ 7C86FF

■ 00005F

■ 9AA0FF

■ 000846

■ B8BBFF

■ 00042F

■ D6D7FF

■ 000119

■ F4F3FF

■ 000000

■ 053EAE

■ 053EAE

■ 003BAE

■ 164AAE

■ 2855AE

■ 3961AE

■ 4B6CAE

■ 5C78AE

■ 6D83AE

■ 7F8FAE

■ 909AAE

■ A2A6AE

Harmonies

Analogous

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



0053B8



053EAE



7E0D88

Triad

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



053EAE



882500



005D3E

Complementary

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



053EAE



AE7505

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.



005A00



053EAE



614400

Square

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



053EAE



A0001E



2A5300



005E76

Rectangle

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



053EAE



990066



2A5300



005C2A

Sweetspot

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



053EAE



A1B7E3



05AE73



4B5873



F2F2F2



737373

Same Dimension

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



053EAE



004DE3



1E05AE



4E5157



003396



000817

Inverse Universe

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



AE053E



E3004D



95AE05



574E51



960033



170008

Previews

White Background



This preview shows how the Hex color 053EAE looks on a white background.

Color Contrast Check

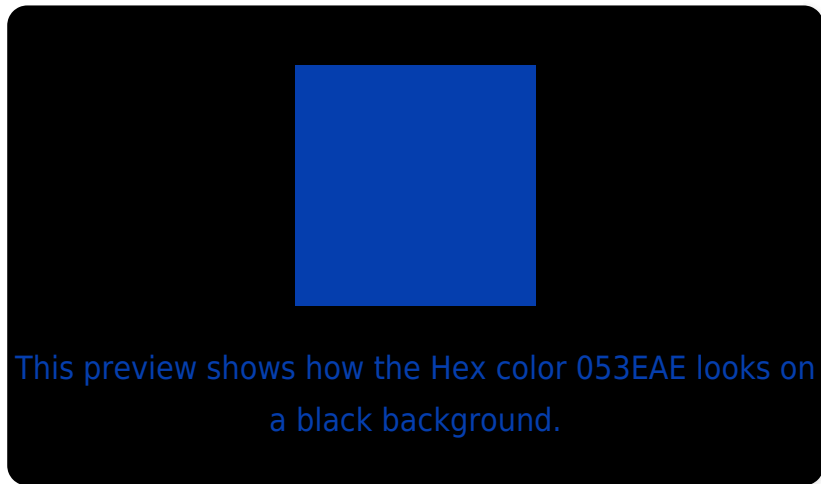
Large Text (above 18pt) WCAG AA ✓ Pass

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

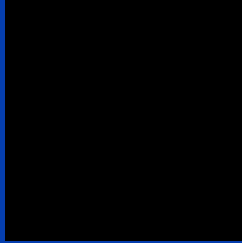
Any Text WCAG AA × Fail

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 053EAE Background



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



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

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



Trichromacy



Original Color
053EAE

Protanomaly
02439D

Deuteranomaly
02468F

Tritanomaly
024A75

Monochromacy



Original Color
053EAE

Achromatopsia
3A3A3A

Achromatomaly
273B64

CSS Examples

Text

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

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

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 #053EAE colored shadow looks like.

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

Border

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

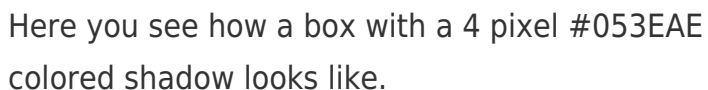
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#053EAE }
```

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

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

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



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

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

Background

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

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

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

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

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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