

Converting Colors

Hex(053C94)

Have a look what the booklet for
Hex(053C94) contains.

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Color

Hex(053C94)

Conversions

Conversions Part 1

Format	Color
Hex	053C94
RGB	5, 60, 148
RGB Percent	2%, 24%, 58%
CMY	0.9804, 0.7647, 0.4196
CMYK	0.97, 0.59, 0.00, 0.42
HSL	217°, 93%, 30%
HSV	217°, 97%, 58%
XYZ	7.0237, 5.4021, 28.6895
YIQ	53.5870, -61.0280, 15.7080

Conversions

Conversions Part 2

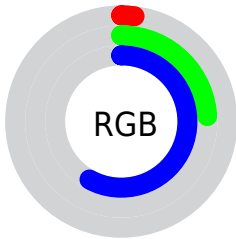
Format	Color
RYB	5, 45, 148
Decimal	343188
CIELab	27.85, 20.81, -52.61
CIELCh	28, 56.578, 291.577
Yxy	5.4021, 0.1708, 0.1314
Android (android.graphics.Color)	4278533268 (0xFF053C94)
YUV	53.5870, 46.5456, -42.6108
Hunter-Lab	23.2424, 13.2676, -56.9155

Details

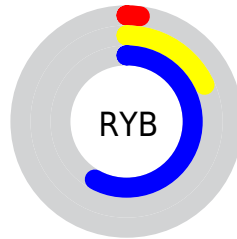
The Hex color **053C94** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **945D05**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **556BCB**, and **001460** is the 20% darker color. If you saturate the color by 10%, you get **003994**, and if you desaturate by 10%, it is **144594**.

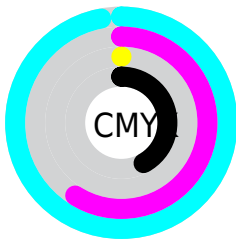
Distribution



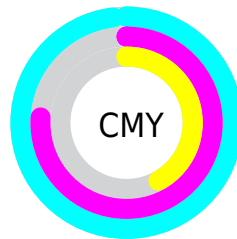
- Red (2%)
- Green (24%)
- Blue (58%)



- Red (2%)
- Yellow (18%)
- Blue (58%)



- Cyan (97%)
- Magenta (59%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (76%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 053C94 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 053C94 by changing the saturation by 10% instead.

■ 053C94

■ 053C94

FFFFFF

■ 00277A

■ 556BCB

■ 001460

■ 7284E7

■ 000048

■ 8F9EFF

■ 000430

■ ACB8FF

■ 00011B

■ C9D4FF

■ 000000

■ E7F0FF

■ 053C94

■ 053C94

■ 003994

■ 144594

■ 234E94

■ 315794

■ 406094

■ 4F6A94

■ 5E7394

■ 6D7C94

■ 7B8594

■ 8A8E94

Harmonies

Analogous

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



004B99



053C94



682179

Triad

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



053C94



7A2500



005334

Complementary

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



053C94



945D05

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.



005000



053C94



5C3C00

Square

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



053C94



8A0025



344900



005461

Rectangle

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



053C94



7F025E



344900



005224

Sweetspot

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



053C94



889DBF



05945B



3F4C61



E0E0E0



616161

Same Dimension

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



053C94



004ABF



130594



43454A



00358A



00040A

Inverse Universe

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



94053C



BF004A



869405



4A4345



8A0035



0A0004

Previews

White Background



This preview shows how the Hex color 053C94 looks on a white background.

Color Contrast Check

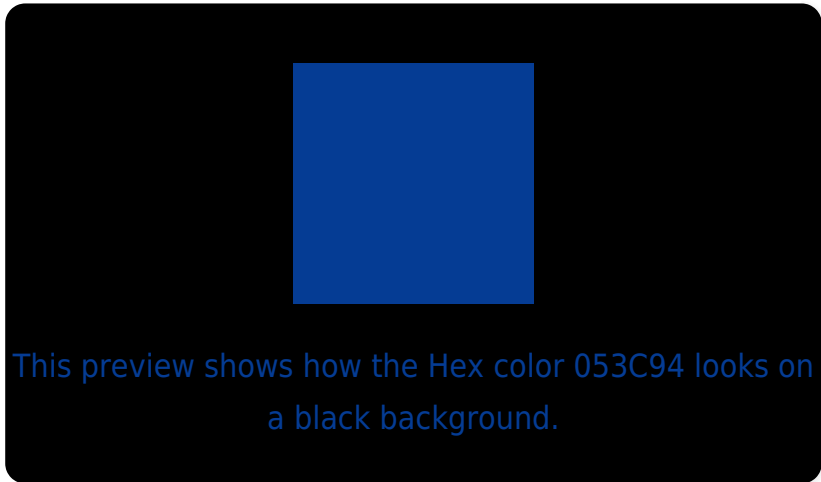
Large Text (above 18pt) WCAG AA ✓ Pass

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

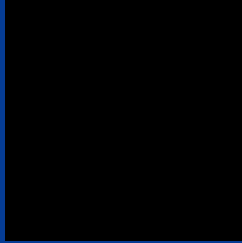
Any Text WCAG AA × Fail

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 053C94 Background



This preview shows how black text looks on a background with the Hex color 053C94.



This preview shows how white text looks on a background with the Hex color 053C94.

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
053C94

Protanopia
004087

Deuteranopia
004474



Tritanopia
00494E

Trichromacy



Original Color
053C94

Protanomaly
023F8C

Deuteranomaly
024180

Tritanomaly
024467

Monochromacy



Original Color
053C94

Achromatopsia
363636

Achromatomaly
243858

CSS Examples

Text

The CSS property to change the color of the text to Hex 053C94 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 #053C94 looks like.

```
.text, #text, p{  
    color:#053C94  
}
```

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 #053C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #053C94
}
```

Border

The CSS property to change the border of an element to Hex 053C94 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
#053C94 }
```

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

```
.border{ border-color:#053C94 }
```

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

Here you see how a box with a 4 pixel #053C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #053C94; -webkit-box-shadow:4px 4px  
4px 4px #053C94; box-shadow:4px 4px 4px  
4px #053C94 }
```

Background

The CSS property to change the background color of an element to Hex 053C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#053C94 }
```

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

```
.background{ background-color:#053C94 }
```

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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