

Converting Colors

Hex(045C93)

Have a look what the booklet for
Hex(045C93) contains.

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Color

Hex(045C93)

Conversions

Conversions Part 1

Format	Color
Hex	045C93
RGB	4, 92, 147
RGB Percent	2%, 36%, 58%
CMY	0.9843, 0.6392, 0.4235
CMYK	0.97, 0.37, 0.00, 0.42
HSL	203°, 95%, 30%
HSV	203°, 97%, 58%
XYZ	9.1437, 9.7867, 29.0109
YIQ	71.9580, -70.1030, -1.5510

Conversions

Conversions Part 2

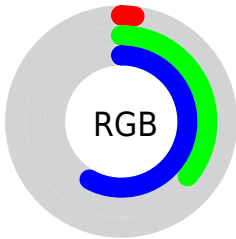
Format	Color
RYB	4, 58, 147
Decimal	285843
CIELab	37.46, -1.31, -36.53
CIElCh	37, 36.552, 267.939
Yxy	9.7867, 0.1907, 0.2041
Android (android.graphics.Color)	4278475923 (0xFF045C93)
YUV	71.9580, 36.9957, -59.5992
Hunter-Lab	31.2837, -2.5740, -33.0839

Details

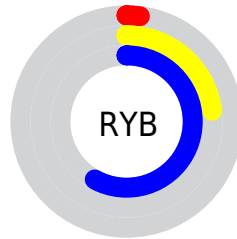
The Hex color **045C93** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **933B04**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **538EC9**, and **002F60** is the 20% darker color. If you saturate the color by 10%, you get **005A93**, and if you desaturate by 10%, it is **136293**.

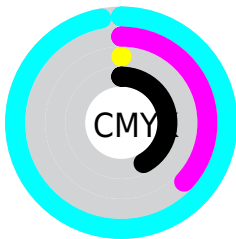
Distribution



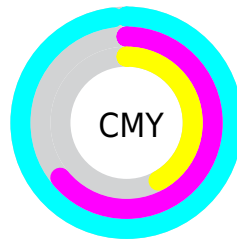
- Red (2%)
- Green (36%)
- Blue (58%)



- Red (2%)
- Yellow (23%)
- Blue (58%)



- Cyan (97%)
- Magenta (37%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045C93 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 045C93 by changing the saturation by 10% instead.

■ 045C93

■ 045C93

FFFFFF

■ 004579

■ 538EC9

■ 002F60

■ 70A8E6

■ 001B48

■ 8DC3FF

■ 000431

■ AADFFF

■ 00011B

■ C7FCFF

■ 000000

■ E5FFFF

■ 045C93

■ 045C93

■ 005A93

■ 136293

■ 216793

■ 306D93

■ 3F7393

■ 4D7893

■ 5C7E93

■ 6B8493

■ 7A8993

■ 888F93

Harmonies

Analogous

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



00638A



045C93



56518C

Triad

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



045C93



8D413E



256437

Complementary

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



045C93



933B04

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.



4D5F21



045C93



814B26

Square

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



045C93



8C3E5B



6A561A



006655

Rectangle

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



045C93



704980



6A561A



35622F

Sweetspot

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



045C93



88AABF



04933B



3F5461



E0E0E0



616161

Same Dimension

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



045C93



0076BF



041593



43474A



00558A



00060A

Inverse Universe

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



93045C



BF0076



938204



4A4347



8A0055



0A0006

Previews

White Background



This preview shows how the Hex color 045C93 looks on a white background.

Color Contrast Check

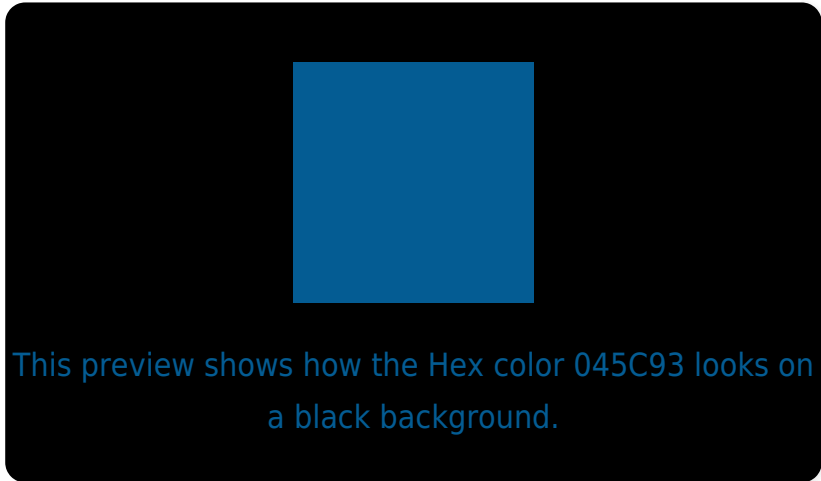
Large Text (above 18pt) WCAG AA ✓ Pass

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

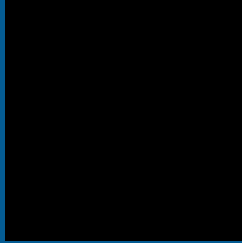
Any Text WCAG AA × Fail

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 045C93 Background



This preview shows how black text looks on a background with the Hex color 045C93.



This preview shows how white text looks on a background with the Hex color 045C93.

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
045C93

Protanomaly
2C5890

Deuteranomaly
1F5A94

Tritanomaly
016078

Monochromacy



Original Color
045C93

Achromatopsia
484848

Achromatomaly
2F4F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 045C93 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 #045C93 looks like.

```
.text, #text, p{  
    color:#045C93  
}
```

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 #045C93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045C93
}
```

Border

The CSS property to change the border of an element to Hex 045C93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

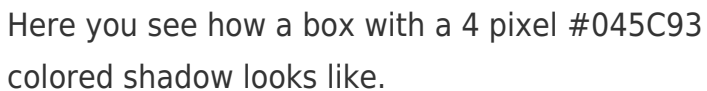
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#045C93 }
```

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

```
.border{ border-color:#045C93 }
```

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



Here you see how a box with a 4 pixel #045C93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045C93; -webkit-box-shadow:4px 4px  
4px 4px #045C93; box-shadow:4px 4px 4px  
4px #045C93 }
```

Background

The CSS property to change the background color of an element to Hex 045C93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045C93 }
```

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

```
.background{ background-color:#045C93 }
```

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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