

Converting Colors

Hex(043295)

Have a look what the booklet for
Hex(043295) contains.

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Color

Hex(043295)

Conversions

Conversions Part 1

Format	Color
Hex	043295
RGB	4, 50, 149
RGB Percent	2%, 20%, 58%
CMY	0.9843, 0.8039, 0.4157
CMYK	0.97, 0.66, 0.00, 0.42
HSL	221°, 95%, 30%
HSV	221°, 97%, 58%
XYZ	6.6155, 4.4769, 28.9492
YIQ	47.5320, -59.1950, 21.0370

Conversions

Conversions Part 2

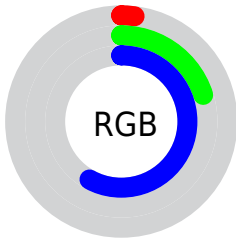
Format	Color
RYB	4, 39, 149
Decimal	275093
CIELab	25.19, 28.13, -57.59
CIELCh	25, 64.093, 296.036
Yxy	4.4769, 0.1652, 0.1118
Android (android.graphics.Color)	4278465173 (0xFF043295)
YUV	47.5320, 50.0237, -38.1776
Hunter-Lab	21.1588, 18.7818, -66.3088

Details

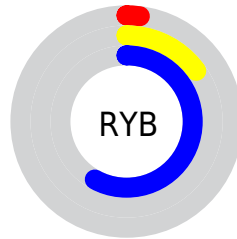
The Hex color **043295** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **956704**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5660CC**, and **000A61** is the 20% darker color. If you saturate the color by 10%, you get **002F95**, and if you desaturate by 10%, it is **133C95**.

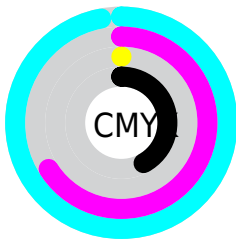
Distribution



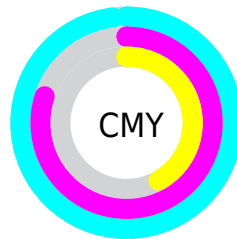
- Red (2%)
- Green (20%)
- Blue (58%)



- Red (2%)
- Yellow (15%)
- Blue (58%)



- Cyan (97%)
- Magenta (66%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (80%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 043295 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 043295 by changing the saturation by 10% instead.

■ 043295

■ 043295

FFFFFF

■ 001D7B

■ 5660CC

■ 000A61

■ 7379E9

■ 000348

■ 9192FF

■ 000431

■ AEADFF

■ 00011B

■ CBC8FF

■ 000000

■ E9E4FF

■ 043295

■ 043295

■ 002F95

■ 133C95

■ 224695

■ 315195

■ 405B95

■ 4F6595

■ 5D6F95

■ 6C7995

■ 7B8395

■ 8A8E95

Harmonies

Analogous

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



00459F



043295



6C0173

Triad

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



043295



731D00



004D34

Complementary

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



043295



956704

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.



004B00



043295



503800

Square

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



043295



880015



1F4500



004E66

Rectangle

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



043295



830055



1F4500



004D22

Sweetspot

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



043295



8A9BC2



049565



3F4A61



E0E0E0



616161

Same Dimension

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



043295



003DC2



1C0495



43454A



002C8A



00030A

Inverse Universe

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



950432



C2003D



7D9504



4A4345



8A002C



0A0003

Previews

White Background



This preview shows how the Hex color 043295 looks on a white background.

Color Contrast Check

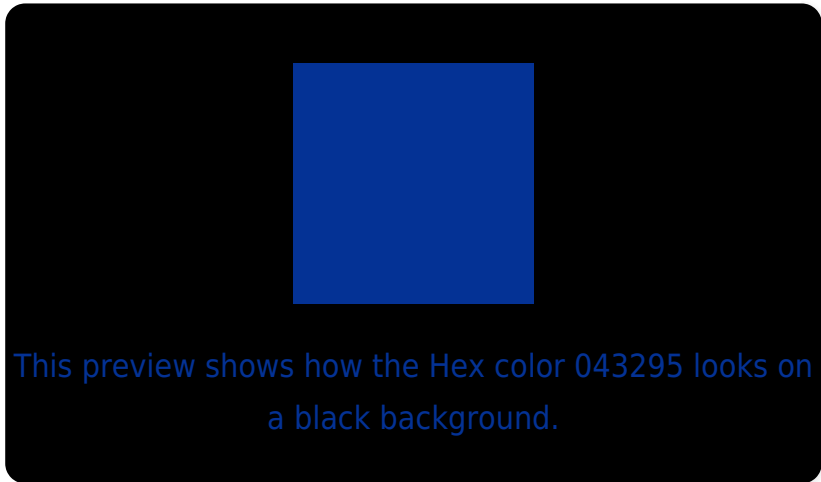
Large Text (above 18pt) WCAG AA ✓ Pass

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

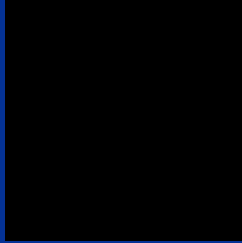
Any Text WCAG AA × Fail

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 043295 Background



This preview shows how black text looks on a background with the Hex color 043295.

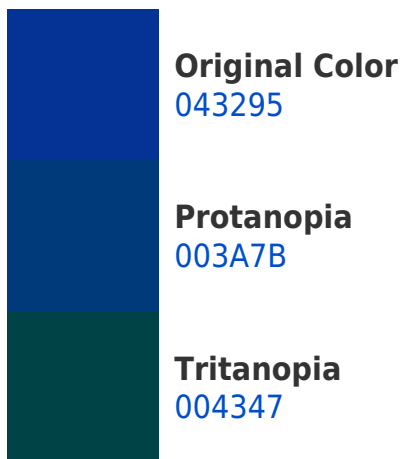


This preview shows how white text looks on a background with the Hex color 043295.

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
043295

Protanomaly
013784

Tritanomaly
013D63

Monochromacy



Original Color
043295

Achromatopsia
303030

Achromatomaly
203155

CSS Examples

Text

The CSS property to change the color of the text to Hex 043295 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 #043295 looks like.

```
.text, #text, p{  
    color:#043295  
}
```

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 #043295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #043295
}
```

Border

The CSS property to change the border of an element to Hex 043295 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
#043295 }
```

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

```
.border{ border-color:#043295 }
```

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

Here you see how a box with a 4 pixel #043295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #043295; -webkit-box-shadow:4px 4px  
4px 4px #043295; box-shadow:4px 4px 4px  
4px #043295 }
```

Background

The CSS property to change the background color of an element to Hex 043295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#043295 }
```

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

```
.background{ background-color:#043295 }
```

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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