

Converting Colors

Hex(3B43E8)

Have a look what the booklet for
Hex(3B43E8) contains.

Hex(3B43E8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(3B43E8)

Conversions

Conversions Part 1

Format	Color
Hex	3B43E8
RGB	59, 67, 232
RGB Percent	23%, 26%, 91%
CMY	0.7686, 0.7373, 0.0902
CMYK	0.75, 0.71, 0.00, 0.09
HSL	237°, 79%, 57%
HSV	237°, 75%, 91%
XYZ	18.3763, 10.7703, 77.4543
YIQ	83.4180, -57.7330, 49.6190

Conversions

Conversions Part 2

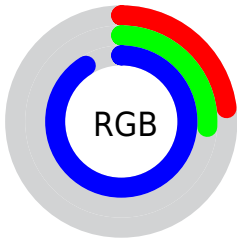
Format	Color
R_{YB}	59, 67, 232
Decimal	3884008
CIE _{Lab}	39.19, 51.23, -83.38
CIE _{LCh}	39, 97.858, 301.566
Yxy	10.7703, 0.1724, 0.1010
Android (android.graphics.Color)	4282074088 (0xFF3B43E8)
YUV	83.4180, 73.2509, -21.4146
Hunter-Lab	32.8182, 42.5180, -116.9579

Details

The Hex color **3B43E8** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **E8E03B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8374FF**, and **0015AF** is the 20% darker color. If you saturate the color by 10%, you get **242DE8**, and if you desaturate by 10%, it is **5259E8**.

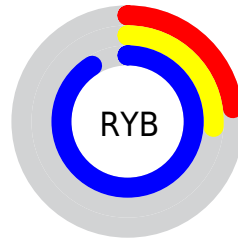
Distribution



Red (23%)

Green (26%)

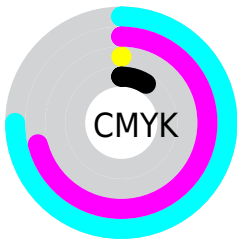
Blue (91%)



Red (23%)

Yellow (26%)

Blue (91%)

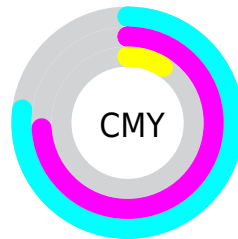


Cyan (75%)

Magenta (71%)

Yellow (0%)

Black (9%)



Cyan (77%)

Magenta (74%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B43E8 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 3B43E8 by changing the saturation by 10% instead.

 3B43E8

 3B43E8

FFFFFF

 002CCB

 8374FF

 0015AF

 A38EFF

 000293

 C3A9FF

 000079

 E2C5FF

 000B5F

 FFE1FF

 000846

FFFEFF

 00042E

 000119

 000000

■ 3B43E8

■ 3B43E8

■ 242DE8

■ 5259E8

■ 0D17E8

■ 696FE8

■ 000BE8

■ 8185E8

■ 989CE8

■ AFB2E8

■ C6C8E8

■ DDDEE8

■ F5F4E8

■ FFFFE8

Harmonies

Analogous

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



0069FF



3B43E8



B800AA

Triad

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



3B43E8



AA3200



00785F

Complementary

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



3B43E8



E8E03B

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.



007500



3B43E8



6E5C00

Square

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



3B43E8



D2000E



006D00



0079AF

Rectangle

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



3B43E8



D60077



006D00



007742

Sweetspot

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



3B43E8



C7C9FF



3BE8DF



5E6080



000000



808080

Same Dimension

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



3B43E8



1C27FF



893BE8



676873



0008B3



000233

Inverse Universe

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



E83B43



FF1C27



9AE83B



736768



B30008



330002

Previews

White Background



This preview shows how the Hex color 3B43E8 looks on a white background.

Color Contrast Check

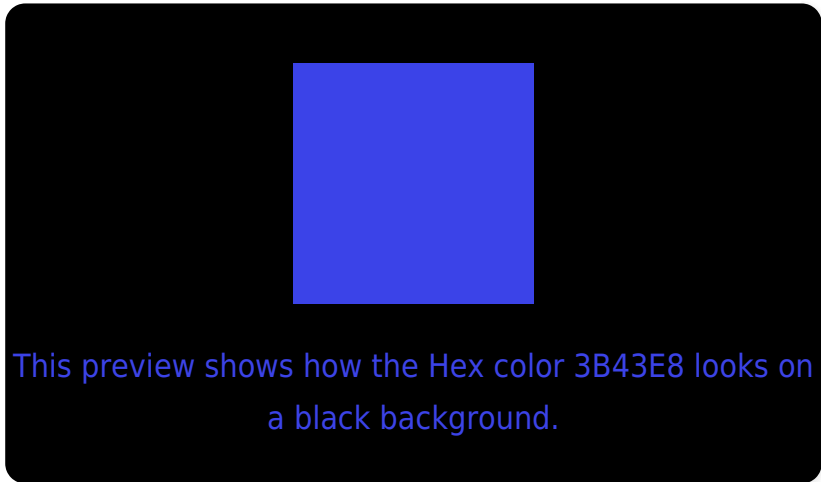
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3B43E8 Background



This preview shows how black text looks on a background with the Hex color 3B43E8.



This preview shows how white text looks on a background with the Hex color 3B43E8.

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
3B43E8

Protanomaly
1550CB

Deuteranomaly
1554BA

Monochromacy



Original Color
3B43E8

Achromatopsia
535353

Achromatomaly
4A4D89

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B43E8 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 #3B43E8 looks like.

```
.text, #text, p{  
    color:#3B43E8  
}
```

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 #3B43E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B43E8
}
```

Border

The CSS property to change the border of an element to Hex 3B43E8 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
#3B43E8 }
```

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

```
.border{ border-color:#3B43E8 }
```

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

Here you see how a box with a 4 pixel #3B43E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B43E8; -webkit-box-shadow:4px 4px  
4px 4px #3B43E8; box-shadow:4px 4px 4px  
4px #3B43E8 }
```

Background

The CSS property to change the background color of an element to Hex 3B43E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B43E8 }
```

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

```
.background{ background-color:#3B43E8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor