

Converting Colors

Hex(3B42E5)

Have a look what the booklet for
Hex(3B42E5) contains.

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Color

Hex(3B42E5)

Conversions

Conversions Part 1

Format	Color
Hex	3B42E5
RGB	59, 66, 229
RGB Percent	23%, 26%, 90%
CMY	0.7686, 0.7412, 0.1020
CMYK	0.74, 0.71, 0.00, 0.10
HSL	238°, 77%, 56%
HSV	238°, 74%, 90%
XYZ	17.8947, 10.4834, 75.2091
YIQ	82.4890, -56.4950, 49.2090

Conversions

Conversions Part 2

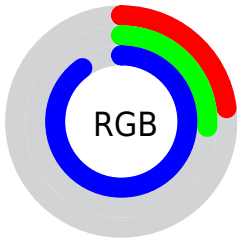
Format	Color
R_{YB}	59, 66, 229
Decimal	3883749
CIE _{Lab}	38.70, 50.81, -82.49
CIE _{LCh}	39, 96.883, 301.632
Yxy	10.4834, 0.1728, 0.1012
Android (android.graphics.Color)	4282073829 (0xFF3B42E5)
YUV	82.4890, 72.2299, -20.5999
Hunter-Lab	32.3780, 41.9918, -115.0567

Details

The Hex color **3B42E5** 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 **E5DE3B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8373FF**, and **0014AC** is the 20% darker color. If you saturate the color by 10%, you get **242CE5**, and if you desaturate by 10%, it is **5258E5**.

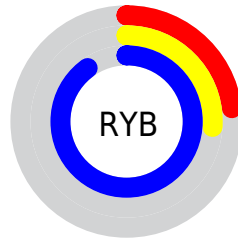
Distribution



Red (23%)

Green (26%)

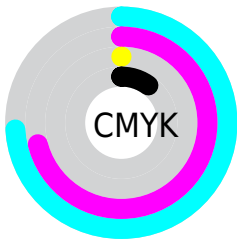
Blue (90%)



Red (23%)

Yellow (26%)

Blue (90%)

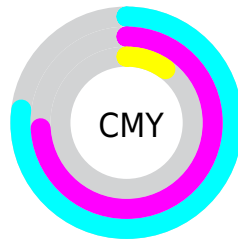


Cyan (74%)

Magenta (71%)

Yellow (0%)

Black (10%)



Cyan (77%)

Magenta (74%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B42E5 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 3B42E5 by changing the saturation by 10% instead.

 3B42E5

 3B42E5

FFFFFF

 002BC8

 8373FF

 0014AC

 A38DFF

 000291

 C2A8FF

 000076

 E1C4FF

 000C5C

 FFE0FF

 000743

 FFFDFF

 00032C

 000117

 000000

■ 3B42E5

■ 3B42E5

■ 242CE5

■ 5258E5

■ 0D16E5

■ 696EE5

■ 0009E5

■ 8084E5

■ 979AE5

■ ADB0E5

■ C4C6E5

■ DBDCE5

■ F2F2E5

■ FFFFE5

Harmonies

Analogous

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



0067FE



3B42E5



B600A8

Triad

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



3B42E5



A83200



00765E

Complementary

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



3B42E5



E5DE3B

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.



007300



3B42E5



6C5B00

Square

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



3B42E5



D0000D



006C00



0078AD

Rectangle

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



3B42E5



D30075



006C00



007542

Sweetspot

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



3B42E5



C7C9FF



3BE5DC



5E6080



000000



808080

Same Dimension

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



3B42E5



1C25FF



883BE5



676873



0007B3



000233

Inverse Universe

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



E53B42



FF1C25



99E53B



736768



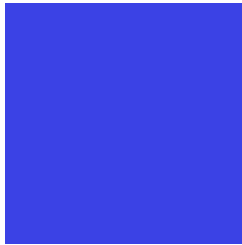
B30007



330002

Previews

White Background



This preview shows how the Hex color 3B42E5 looks on a white background.

Color Contrast Check

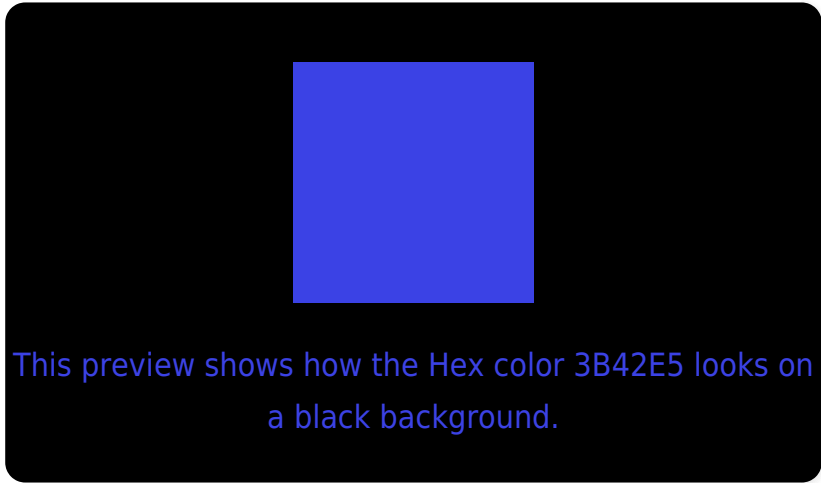
Large Text (above 18pt) WCAG AA ✓ Pass

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

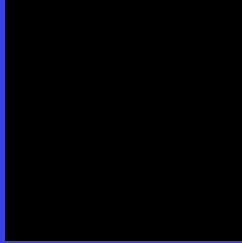
Any Text WCAG AA × Fail

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 3B42E5 Background



This preview shows how black text looks on a background with the Hex color 3B42E5.

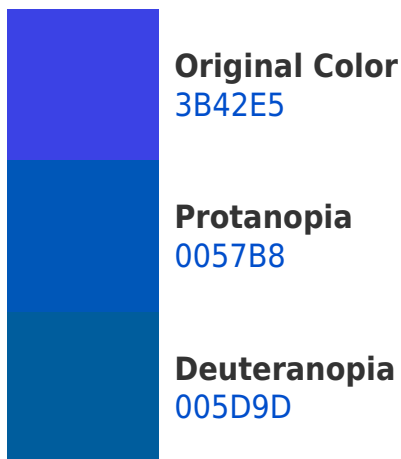


This preview shows how white text looks on a background with the Hex color 3B42E5.

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





Tritanopia
00646B

Trichromacy



Original Color
3B42E5

Protanomaly
154FC8

Deuteranomaly
1553B7

Tritanomaly
155897

Monochromacy



Original Color
3B42E5

Achromatopsia
525252

Achromatomaly
4A4C87

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B42E5 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 #3B42E5 looks like.

```
.text, #text, p{  
    color:#3B42E5  
}
```

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 #3B42E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B42E5
}
```

Border

The CSS property to change the border of an element to Hex 3B42E5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

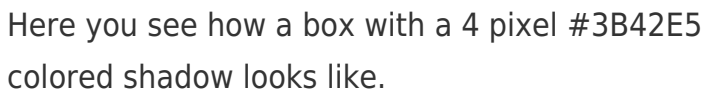
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B42E5 }
```

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

```
.border{ border-color:#3B42E5 }
```

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



Here you see how a box with a 4 pixel #3B42E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B42E5; -webkit-box-shadow:4px 4px  
4px 4px #3B42E5; box-shadow:4px 4px 4px  
4px #3B42E5 }
```

Background

The CSS property to change the background color of an element to Hex 3B42E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B42E5 }
```

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

```
.background{ background-color:#3B42E5 }
```

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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