

Converting Colors

Hex(3B3EA5)

Have a look what the booklet for
Hex(3B3EA5) contains.

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Color

Hex(3B3EA5)

Conversions

Conversions Part 1

Format	Color
Hex	3B3EA5
RGB	59, 62, 165
RGB Percent	23%, 24%, 65%
CMY	0.7686, 0.7569, 0.3529
CMYK	0.64, 0.62, 0.00, 0.35
HSL	238°, 47%, 44%
HSV	238°, 64%, 65%
XYZ	10.3178, 7.0917, 36.4223
YIQ	72.8450, -34.8510, 31.3970

Conversions

Conversions Part 2

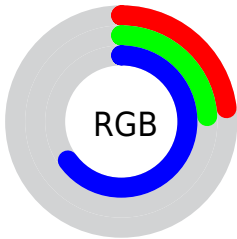
Format	Color
R_{YB}	59, 62, 165
Decimal	3882661
CIE _{Lab}	32.01, 31.56, -56.05
CIE _{LCh}	32, 64.324, 299.380
Yxy	7.0917, 0.1917, 0.1317
Android (android.graphics.Color)	4282072741 (0xFF3B3EA5)
YUV	72.8450, 45.4324, -12.1421
Hunter-Lab	26.6302, 22.5565, -62.4503

Details

The Hex color **3B3EA5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A5A23B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **766EDD**, and **001470** is the 20% darker color. If you saturate the color by 10%, you get **2A2EA5**, and if you desaturate by 10%, it is **4B4EA5**.

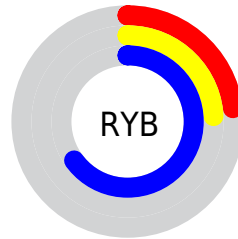
Distribution



 Red (23%)

 Green (24%)

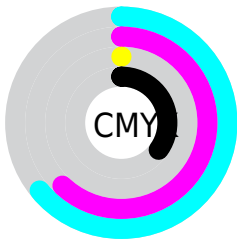
 Blue (65%)





 Red (23%)

 Yellow (24%)

 Blue (65%)

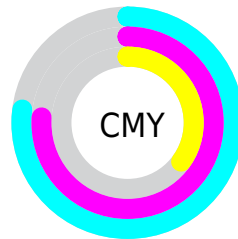


 Cyan (64%)

 Magenta (62%)

 Yellow (0%)

 Black (35%)



 Cyan (77%)

 Magenta (76%)

 Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3EA5 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 3B3EA5 by changing the saturation by 10% instead.

■ 3B3EA5

■ 3B3EA5

FFFFFF

■ 16288A

■ 766EDD

■ 001470

■ 9287FA

■ 000057

■ AFA1FF

■ 00063F

■ CCBDFF

■ 000328

■ EAD8FF

■ 000111

■ FFF5FF

■ 000000

■ 3B3EA5

■ 3B3EA5

■ 2A2EA5

■ 4B4EA5

■ 1A1EA5

■ 5C5EA5

■ 090EA5

■ 6C6EA5

■ 0005A5

■ 7D7EA5

■ 8D8EA5

■ 9E9EA5

■ AEAEA5

■ BFBEA5

■ CFCEA5

Harmonies

Analogous

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



0053B2



3B3EA5



841780

Triad

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



3B3EA5



843200



005F49

Complementary

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



3B3EA5



A5A23B

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.



005C10



3B3EA5



5E4900

Square

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



3B3EA5



9C001D



2B5600



00607C

Rectangle

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



3B3EA5



990060



2B5600



005E37

Sweetspot

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



3B3EA5



AEAFD6



3BA5A1



52536B



EBEBEB



6B6B6B

Same Dimension

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



3B3EA5



3136D6



6C3BA5



494A52



000491



000112

Inverse Universe

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



A53B3E



D63136



74A53B



52494A



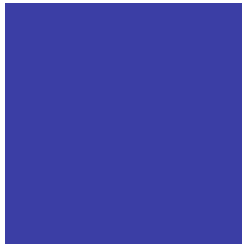
910004



120001

Previews

White Background



This preview shows how the Hex color 3B3EA5 looks on a white background.

Color Contrast Check

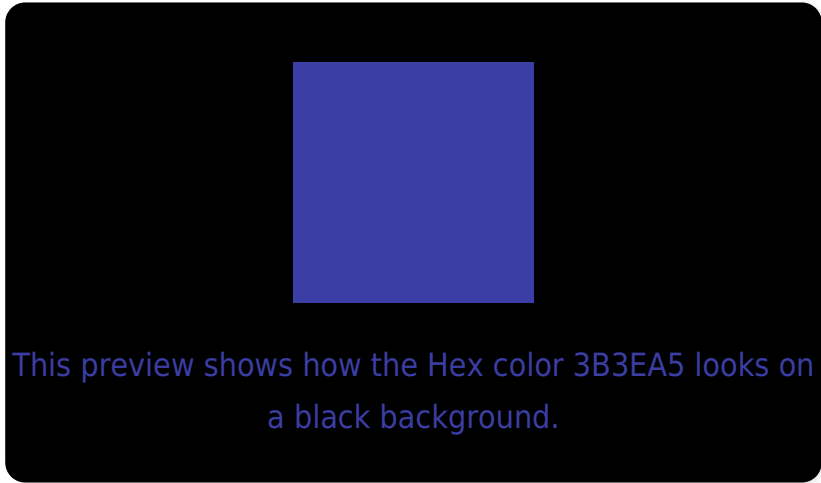
Large Text (above 18pt) WCAG AA ✓ Pass

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

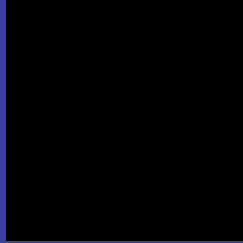
Any Text WCAG AA × Fail

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 3B3EA5 Background



This preview shows how black text looks on a background with the Hex color 3B3EA5.

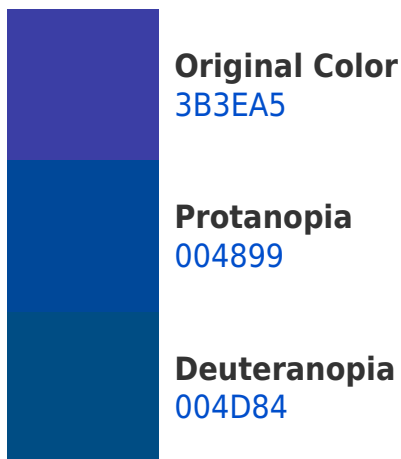



This preview shows how white text looks on a background with the Hex color 3B3EA5.

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
00535A

Trichromacy



Original Color
3B3EA5

Protanomaly
15449D

Deuteranomaly
154890

Tritanomaly
154B75

Monochromacy



Original Color
3B3EA5

Achromatopsia
494949

Achromatomaly
44456A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3EA5 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 #3B3EA5 looks like.

```
.text, #text, p{  
    color:#3B3EA5  
}
```

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 #3B3EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3EA5
}
```

Border

The CSS property to change the border of an element to Hex 3B3EA5 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
#3B3EA5 }
```

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

```
.border{ border-color:#3B3EA5 }
```

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

Here you see how a box with a 4 pixel #3B3EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3EA5; -webkit-box-shadow:4px 4px  
4px 4px #3B3EA5; box-shadow:4px 4px 4px  
4px #3B3EA5 }
```

Background

The CSS property to change the background color of an element to Hex 3B3EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3EA5 }
```

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

```
.background{ background-color:#3B3EA5 }
```

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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