

Converting Colors

Hex(3D3EB5)

Have a look what the booklet for
Hex(3D3EB5) contains.

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Color

Hex(3D3EB5)

Conversions

Conversions Part 1

Format	Color
Hex	3D3EB5
RGB	61, 62, 181
RGB Percent	24%, 24%, 71%
CMY	0.7608, 0.7569, 0.2902
CMYK	0.66, 0.66, 0.00, 0.29
HSL	240°, 50%, 47%
HSV	240°, 66%, 71%
XYZ	11.9876, 7.7735, 44.5847
YIQ	75.2670, -38.7950, 36.7970

Conversions

Conversions Part 2

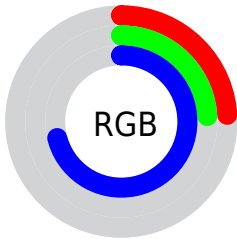
Format	Color
R _Y B	61, 62, 181
Decimal	4013749
CIE Lab	33.51, 37.36, -63.16
CIE LCh	34, 73.379, 300.602
Yxy	7.7735, 0.1863, 0.1208
Android (android.graphics.Color)	4282203829 (0xFF3D3EB5)
YUV	75.2670, 52.1264, -12.5122
Hunter-Lab	27.8811, 27.9549, -75.2940

Details

The Hex color **3D3EB5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B5B43D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7A6EEE**, and **00137F** is the 20% darker color. If you saturate the color by 10%, you get **2B2CB5**, and if you desaturate by 10%, it is **4F50B5**.

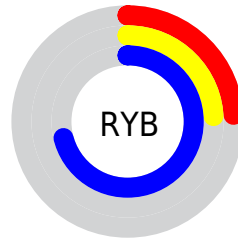
Distribution



Red (24%)

Green (24%)

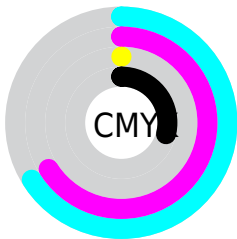
Blue (71%)



Red (24%)

Yellow (24%)

Blue (71%)

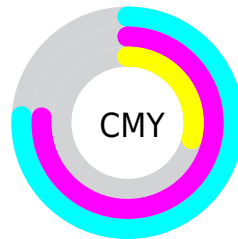


Cyan (66%)

Magenta (66%)

Yellow (0%)

Black (29%)



Cyan (76%)

Magenta (76%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3D3EB5 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 3D3EB5 by changing the saturation by 10% instead.

 3D3EB5

 3D3EB5

FFFFFF

 13289A

 7A6EEE

 00137F

 9888FF

 000065

 B5A2FF

 00024C

 D3BDFF

 000534

 F1D9FF

 00021E

 FFF6FF

 000001

 000000

 3D3EB5

 3D3EB5

■ 2B2CB5

■ 4F50B5

■ 191AB5

■ 6162B5

■ 0708B5

■ 7374B5

■ 0002B5

■ 8586B5

■ 9898B5

■ AAAAB5

■ BCBCB5

■ CECEB5

■ E0E0B5

Harmonies

Analogous

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



0057C6



3D3EB5



910089

Triad

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



3D3EB5



8C3200



00654F

Complementary

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



3D3EB5



B5B43D

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.



006209



3D3EB5



604D00

Square

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



3D3EB5



A90018



215B00



006589

Rectangle

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



3D3EB5



A80064



215B00



00643A

Sweetspot

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



3D3EB5



BCBCEB



3DB5B3



595975



F5F5F5



757575

Same Dimension

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



3D3EB5



2F30EB



773DB5



505059



000199



00001A

Inverse Universe

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



B53D3E



EB2F30



7BB53D



595050



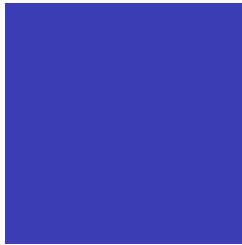
990001



1A0000

Previews

White Background



This preview shows how the Hex color 3D3EB5 looks on a white background.

Color Contrast Check

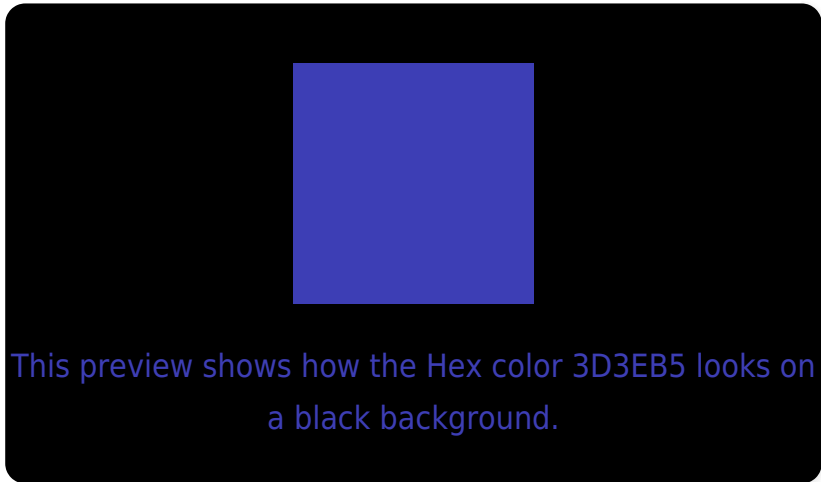
Large Text (above 18pt) WCAG AA ✓ Pass

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

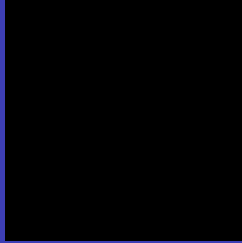
Any Text WCAG AA × Fail

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 3D3EB5 Background



This preview shows how black text looks on a background with the Hex color 3D3EB5.

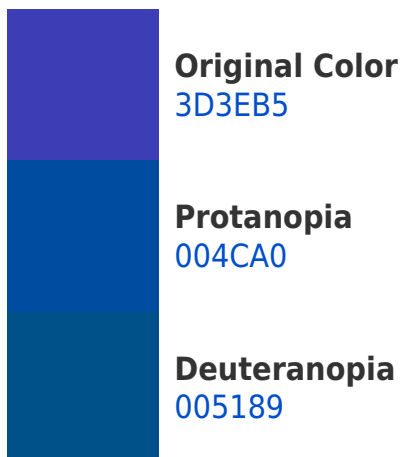


This preview shows how white text looks on a background with the Hex color 3D3EB5.

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
3D3EB5

Protanomaly
1647A8

Deuteranomaly
164A99

Tritanomaly
164E7E

Monochromacy



Original Color
3D3EB5

Achromatopsia
4B4B4B

Achromatomaly
464672

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3EB5 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 #3D3EB5 looks like.

```
.text, #text, p{  
    color:#3D3EB5  
}
```

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 #3D3EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3EB5
}
```

Border

The CSS property to change the border of an element to Hex 3D3EB5 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".

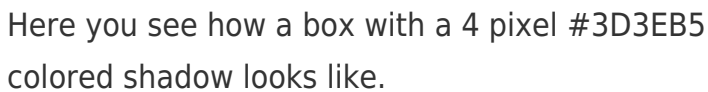
```
.border, #border, table{ border:4px solid
#3D3EB5 }
```

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

```
.border{ border-color:#3D3EB5 }
```

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

Here you see how a box with a 4 pixel #3D3EB5 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3EB5; -webkit-box-shadow:4px 4px  
4px 4px #3D3EB5; box-shadow:4px 4px 4px  
4px #3D3EB5 }
```

Background

The CSS property to change the background color of an element to Hex 3D3EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3EB5 }
```

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

```
.background{ background-color:#3D3EB5 }
```

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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