

Converting Colors

Hex(3D1EFA)

Have a look what the booklet for
Hex(3D1EFA) contains.

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Color

Hex(3D1EFA)

Conversions

Conversions Part 1

Format	Color
Hex	3D1EFA
RGB	61, 30, 250
RGB Percent	24%, 12%, 98%
CMY	0.7608, 0.8824, 0.0196
CMYK	0.76, 0.88, 0.00, 0.02
HSL	248°, 96%, 55%
HSV	248°, 88%, 98%
XYZ	19.6441, 8.8228, 91.1101
YIQ	64.3490, -52.1440, 74.9920

Conversions

Conversions Part 2

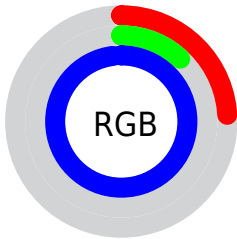
Format	Color
R _Y B	61, 30, 250
Decimal	4005626
CIE Lab	35.64, 73.03, -99.43
CIE LCh	36, 123.368, 306.297
Yxy	8.8228, 0.1643, 0.0738
Android (android.graphics.Color)	4282195706 (0xFF3D1EFA)
YUV	64.3490, 91.5259, -2.9371
Hunter-Lab	29.7032, 66.0697, -161.0712

Details


The Hex color **3D1EFA** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **DBFA1E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **8B57FF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **2805FA**, and if you desaturate by 10%, it is **5237FA**.

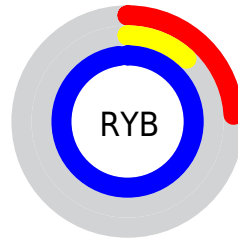
Distribution



 Red (24%)

 Green (12%)

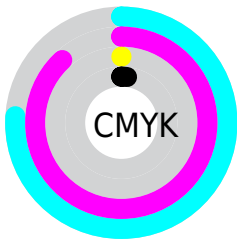
 Blue (98%)




 Red (24%)

 Yellow (12%)

 Blue (98%)

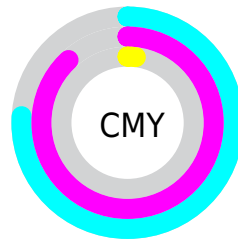


 Cyan (76%)


 Magenta (88%)

 Yellow (0%)

 Black (2%)



 Cyan (76%)

 Magenta (88%)

 Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1EFA 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 3D1EFA by changing the saturation by 10% instead.

 3D1EFA

 3D1EFA

FFFFFF

 0000DD

 8B57FF

 0000C0

 AC72FF

 0000A3

 CD8DFF

 000088

 EDA9FF

 000B6D

 FFC5FF

 000B54

 FFE2FF

 00063C

 000225

 00010E

 3D1EFA

 3D1EFA

 2805FA

 5237FA

 2300FA

 6850FA

 7D69FA

 9382FA

 A89BFA

 BEB4FA

 D3CDFA

 E9E6FA

 FEFFFA

Harmonies

Analogous

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



0062FF



3D1EFA



CE00A6

Triad

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



3D1EFA



A22300



007168

Complementary

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



3D1EFA



DBFA1E

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.



006E00



3D1EFA



545800

Square

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



3D1EFA



D80000



006900



0074CB

Rectangle

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



3D1EFA



EA0065



006900



007045

Sweetspot

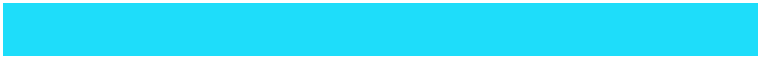
The Sweet Spot groups the original color and five complimentary colors.



3D1EFA



C6BDFF



1EDDFA



5E5880



000000



808080

Same Dimension

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



3D1EFA



2400FF



A91EFA



72707D



1B00BD



09003D

Inverse Universe

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



FA1EDB



FF00DB



6FFA1E



7D707B



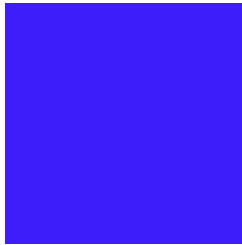
BD00A2



3D0035

Previews

White Background



This preview shows how the Hex color 3D1EFA looks on a white background.

Color Contrast Check

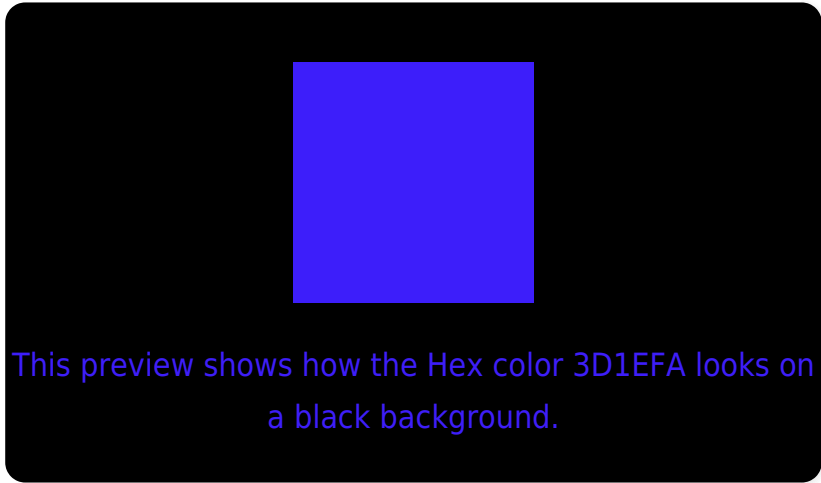
Large Text (above 18pt) WCAG AA ✓ Pass

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

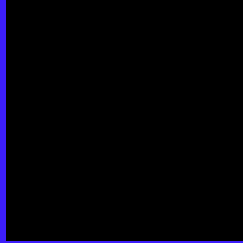
Any Text WCAG AA × Fail

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 3D1EFA Background



This preview shows how black text looks on a background with the Hex color 3D1EFA.



This preview shows how white text looks on a background with the Hex color 3D1EFA.

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



Original Color
3D1EFA

Protanopia
0050A8

Deuteranopia
00568F



Tritanopia
005C61

Trichromacy



Original Color
3D1EFA

Protanomaly
163EC6

Deuteranomaly
1642B6

Tritanomaly
164599

Monochromacy



Original Color
3D1EFA

Achromatopsia
404040

Achromatomaly
3F3484

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1EFA 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 #3D1EFA looks like.

```
.text, #text, p{  
    color:#3D1EFA  
}
```

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 #3D1EFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1EFA
}
```

Border

The CSS property to change the border of an element to Hex 3D1EFA 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
#3D1EFA }
```

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

```
.border{ border-color:#3D1EFA }
```

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

Here you see how a box with a 4 pixel #3D1EFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1EFA; -webkit-box-shadow:4px 4px  
4px 4px #3D1EFA; box-shadow:4px 4px 4px  
4px #3D1EFA }
```

Background

The CSS property to change the background color of an element to Hex 3D1EFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1EFA }
```

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

```
.background{ background-color:#3D1EFA }
```

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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