

Converting Colors

Hex(3D33E5)

Have a look what the booklet for
Hex(3D33E5) contains.

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Color

Hex(3D33E5)

Conversions

Conversions Part 1

Format	Color
Hex	3D33E5
RGB	61, 51, 229
RGB Percent	24%, 20%, 90%
CMY	0.7608, 0.8000, 0.1020
CMYK	0.73, 0.78, 0.00, 0.10
HSL	243°, 77%, 55%
HSV	243°, 78%, 90%
XYZ	17.2512, 9.0169, 74.9599
YIQ	74.2820, -51.1780, 57.4780

Conversions

Conversions Part 2

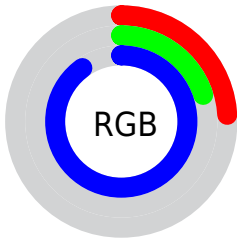
Format	Color
R _Y B	61, 51, 229
Decimal	4010981
CIE Lab	36.02, 58.88, -86.91
CIE LCh	36, 104.982, 304.117
Yxy	9.0169, 0.1704, 0.0891
Android (android.graphics.Color)	4282201061 (0xFF3D33E5)
YUV	74.2820, 76.2760, -11.6483
Hunter-Lab	30.0281, 49.9989, -126.9873

Details

The Hex color **3D33E5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **DBE533**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8565FF**, and **0000AC** is the 20% darker color. If you saturate the color by 10%, you get **271CE5**, and if you desaturate by 10%, it is **534AE5**.

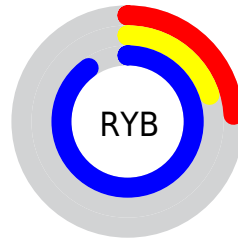
Distribution



Red (24%)

Green (20%)

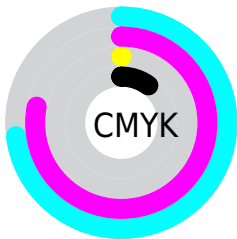
Blue (90%)



Red (24%)

Yellow (20%)

Blue (90%)

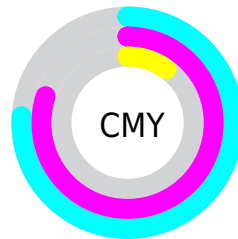


Cyan (73%)

Magenta (78%)

Yellow (0%)

Black (10%)



Cyan (76%)

Magenta (80%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D33E5 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 3D33E5 by changing the saturation by 10% instead.

■ 3D33E5

■ 3D33E5

FFFFFF

■ 001AC8

■ 8565FF

■ 0000AC

■ A57FFF

■ 000090

■ C59AFF

■ 000076

■ E4B6FF

■ 000D5C

■ FFD2FF

■ 000743

■ FFEEFF

■ 00032C

■ 000116

■ 000000

■ 3D33E5

■ 3D33E5

■ 271CE5

■ 534AE5

■ 1205E5

■ 6861E5

■ 0D00E5

■ 7E78E5

■ 938FE5

■ A9A6E5

■ BFBCE5

■ D4D3E5

■ EAEAE5

■ FFFFE5

Harmonies

Analogous

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



0061FF



3D33E5



BA00A0

Triad

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



3D33E5



9F2B00



00705F

Complementary

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



3D33E5



DBE533

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.



006D00



3D33E5



5E5700

Square

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



3D33E5



CC0000



006700



0072B4

Rectangle

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



3D33E5



D50069



006700



006F41

Sweetspot

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



3D33E5



C8C4FF



33DCE5



5E5C80



000000



808080

Same Dimension

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



3D33E5



1F12FF



9533E5



686773



0A00B3



030033

Inverse Universe

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



E533DB



FF12F2



83E533



736772



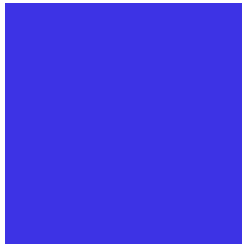
B300A8



330030

Previews

White Background



This preview shows how the Hex color 3D33E5 looks on a white background.

Color Contrast Check

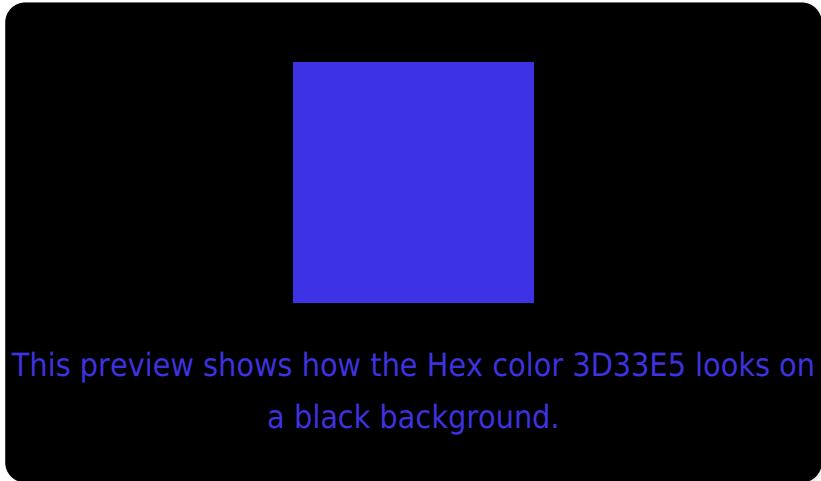
Large Text (above 18pt) WCAG AA ✓ Pass

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

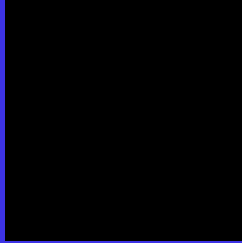
Any Text WCAG AA × Fail

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 3D33E5 Background



This preview shows how black text looks on a background with the Hex color 3D33E5.



This preview shows how white text looks on a background with the Hex color 3D33E5.

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
3D33E5

Protanopia
0051AB

Deuteranopia
005791



Tritanopia
005D63

Trichromacy



Original Color
3D33E5



Protanomaly
1646C0



Deuteranomaly
164AB0



Tritanomaly
164E92

Monochromacy



Original Color
3D33E5



Achromatopsia
4A4A4A



Achromatomaly
454282

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D33E5 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 #3D33E5 looks like.

```
.text, #text, p{  
    color:#3D33E5  
}
```

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 #3D33E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D33E5
}
```

Border

The CSS property to change the border of an element to Hex 3D33E5 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
#3D33E5 }
```

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

```
.border{ border-color:#3D33E5 }
```

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

Here you see how a box with a 4 pixel #3D33E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D33E5; -webkit-box-shadow:4px 4px  
4px 4px #3D33E5; box-shadow:4px 4px 4px  
4px #3D33E5 }
```

Background

The CSS property to change the background color of an element to Hex 3D33E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D33E5 }
```

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

```
.background{ background-color:#3D33E5 }
```

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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