

Converting Colors

Hex(0337E6)

Have a look what the booklet for
Hex(0337E6) contains.

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Color

Hex(0337E6)

Conversions

Conversions Part 1

Format	Color
Hex	0337E6
RGB	3, 55, 230
RGB Percent	1%, 22%, 90%
CMY	0.9882, 0.7843, 0.0980
CMYK	0.99, 0.76, 0.00, 0.10
HSL	226°, 97%, 46%
HSV	226°, 99%, 90%
XYZ	15.6867, 8.4649, 75.6700
YIQ	59.4020, -87.1670, 43.4010

Conversions

Conversions Part 2

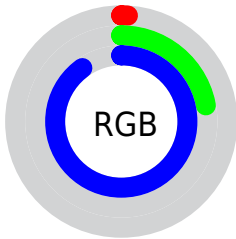
Format	Color
R _Y B	3, 45, 230
Decimal	210918
CIE Lab	34.93, 54.72, -89.34
CIE LCh	35, 104.767, 301.490
Yxy	8.4649, 0.1571, 0.0848
Android (android.graphics.Color)	4278400998 (0xFF0337E6)
YUV	59.4020, 84.1048, -49.4646
Hunter-Lab	29.0945, 45.3251, -133.8373

Details

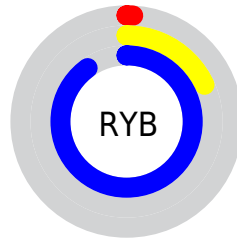
The Hex color **0337E6** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E6B203**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6F68FF**, and **000AAD** is the 20% darker color. If you saturate the color by 10%, you get **0035E6**, and if you desaturate by 10%, it is **1A49E6**.

Distribution



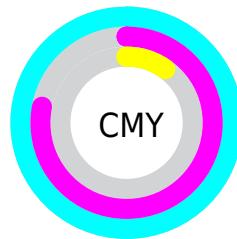
- Red (1%)
- Green (22%)
- Blue (90%)



- Red (1%)
- Yellow (18%)
- Blue (90%)



- Cyan (99%)
- Magenta (76%)
- Yellow (0%)
- Black (10%)



- Cyan (99%)
- Magenta (78%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0337E6 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 0337E6 by changing the saturation by 10% instead.

 0337E6

 0337E6

FFFFFF

 0020C9

 6F68FF

 000AAD

 9181FF

 000091

 B29CFF

 000076

 D2B7FF

 000E5C

 F2D3FF

 000744

 FFEFFF

 00032D

 000117

 000000

■ 0337E6

■ 0337E6

■ 0035E6

■ 1A49E6

■ 315AE6

■ 486CE6

■ 5F7EE6

■ 7690E6

■ 8DA1E6

■ A4B3E6

■ BBC5E6

■ D2D7E6

Harmonies

Analogous

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



0060FF



0337E6



B100A4

Triad

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



0337E6



A02000



006D55

Complementary

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



0337E6



E6B203

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.



006A00



0337E6



625200

Square

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



0337E6



CB0000



006300



006FAA

Rectangle

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



0337E6



CF006E



006300



006C37

Sweetspot

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



0337E6



B3C4FF



03E6B1



525C80



000000



808080

Same Dimension

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



0337E6



003AFF



4003E6



676A73



0029B3



000C33

Inverse Universe

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



E60337



FF003A



A9E603



73676A



B30029



33000C

Previews

White Background



This preview shows how the Hex color 0337E6 looks on a white background.

Color Contrast Check

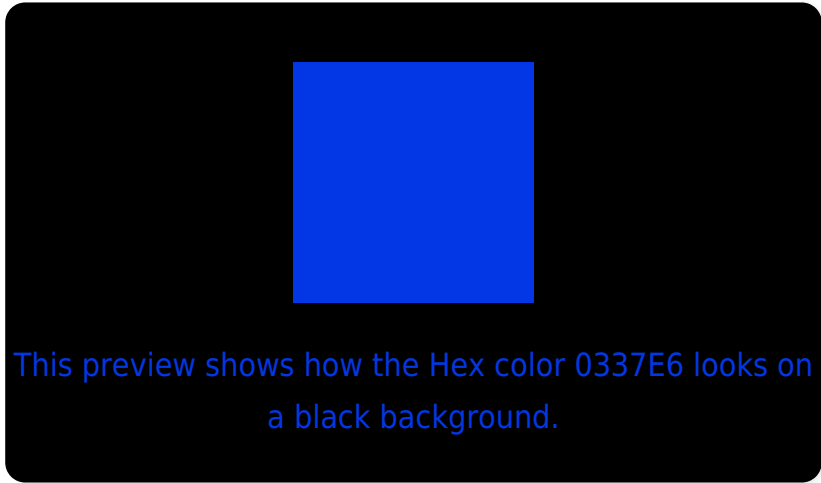
Large Text (above 18pt) WCAG AA ✓ Pass

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

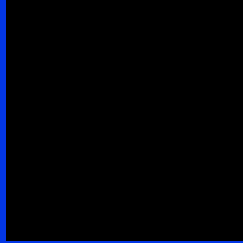
Any Text WCAG AA × Fail

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 0337E6 Background



This preview shows how black text looks on a background with the Hex color 0337E6.



This preview shows how white text looks on a background with the Hex color 0337E6.

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
0337E6

Protanopia
004FA6

Deuteranopia
00548D



Tritanopia
005B5F

Trichromacy



Original Color
0337E6

Protanomaly
0146BD

Deuteranomaly
0149AD

Tritanomaly
014E90

Monochromacy



Original Color
0337E6

Achromatopsia
3B3B3B

Achromatomaly
273A79

CSS Examples

Text

The CSS property to change the color of the text to Hex 0337E6 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 #0337E6 looks like.

```
.text, #text, p{  
    color:#0337E6  
}
```

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 #0337E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0337E6
}
```

Border

The CSS property to change the border of an element to Hex 0337E6 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
#0337E6 }
```

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

```
.border{ border-color:#0337E6 }
```

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

Here you see how a box with a 4 pixel #0337E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0337E6; -webkit-box-shadow:4px 4px  
4px 4px #0337E6; box-shadow:4px 4px 4px  
4px #0337E6 }
```

Background

The CSS property to change the background color of an element to Hex 0337E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0337E6 }
```

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

```
.background{ background-color:#0337E6 }
```

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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