

Converting Colors

Hex(0130E5)

Have a look what the booklet for
Hex(0130E5) contains.

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Color

Hex(0130E5)

Conversions

Conversions Part 1

Format	Color
Hex	0130E5
RGB	1, 48, 229
RGB Percent	0%, 19%, 90%
CMY	0.9961, 0.8118, 0.1020
CMYK	1.00, 0.79, 0.00, 0.10
HSL	228°, 99%, 45%
HSV	228°, 100%, 90%
XYZ	15.2123, 7.7775, 74.8282
YIQ	54.5810, -86.1130, 46.3270

Conversions

Conversions Part 2

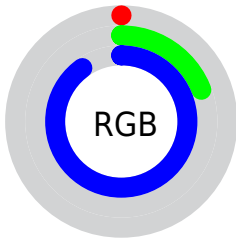
Format	Color
R_{YB}	1, 40, 229
Decimal	78053
CIE _{Lab}	33.52, 58.04, -91.12
CIE _{LCh}	34, 108.040, 302.496
Yxy	7.7775, 0.1555, 0.0795
Android (android.graphics.Color)	4278268133 (0xFF0130E5)
YUV	54.5810, 85.9886, -46.9905
Hunter-Lab	27.8882, 48.5632, -139.5623

Details

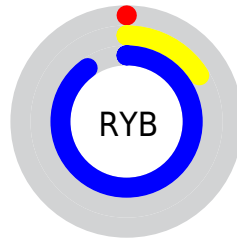
The Hex color **0130E5** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E5B601**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6F61FF**, and **0001AC** is the 20% darker color. If you saturate the color by 10%, you get **002FE5**, and if you desaturate by 10%, it is **1842E5**.

Distribution



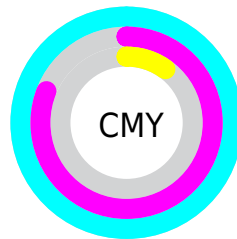
- Red (0%)
- Green (19%)
- Blue (90%)



- Red (0%)
- Yellow (16%)
- Blue (90%)



- Cyan (100%)
- Magenta (79%)
- Yellow (0%)
- Black (10%)




- Cyan (100%)
- Magenta (81%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0130E5 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 0130E5 by changing the saturation by 10% instead.

 0130E5

 0130E5

FFFFFF

 0018C8

 6F61FF

 0001AC

 917BFF

 000090

 B295FF

 000075

 D2B0FF

 000D5C

 F2CCFF

 000743

 FFE9FF

 00032C

 000116

 000000

■ 0130E5

■ 0130E5

■ 002FE5

■ 1842E5

■ 2F54E5

■ 4667E5

■ 5D79E5

■ 738BE5

■ 8A9DE5

■ A1AFE5

■ B8C1E5

■ CFD4E5

Harmonies

Analogous

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



005DFF



0130E5



B100A0

Triad

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



0130E5



9C1C00



006955

Complementary

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



0130E5



E5B601

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.



006600



0130E5



5B4F00

Square

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



0130E5



C80000



006100



006CAB

Rectangle

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



0130E5



CF0068



006100



006836

Sweetspot

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



0130E5



B3C2FF



01E5B4



525B80



000000



808080

Same Dimension

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



0130E5



0035FF



4201E5



676A73



0025B3



000B33

Inverse Universe

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



E50130



FF0035



A4E501



73676A



B30025



33000B

Previews

White Background



This preview shows how the Hex color 0130E5 looks on a white background.

Color Contrast Check

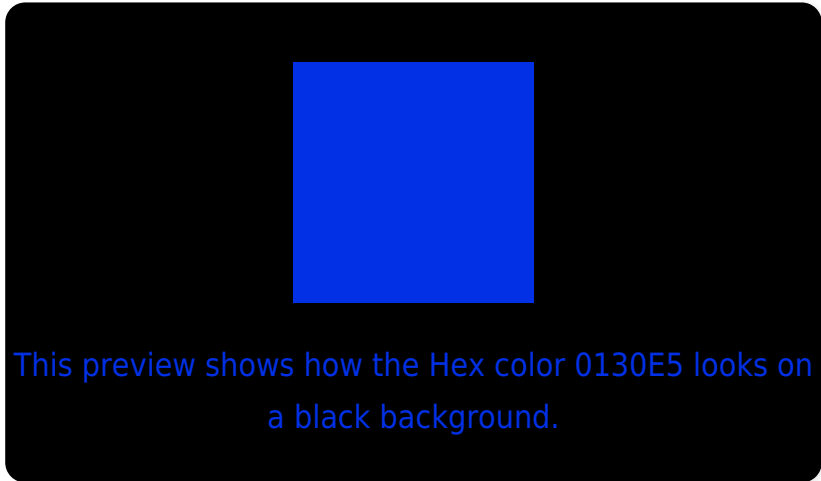
Large Text (above 18pt) WCAG AA ✓ Pass

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

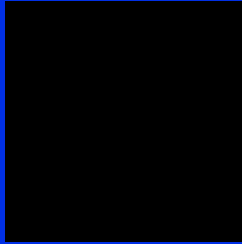
Any Text WCAG AA × Fail

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 0130E5 Background



This preview shows how black text looks on a background with the Hex color 0130E5.



This preview shows how white text looks on a background with the Hex color 0130E5.

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
00575B

Trichromacy



Original Color
0130E5

Protanomaly
0042B8

Deuteranomaly
0045A9

Tritanomaly
00498D

Monochromacy



Original Color
0130E5

Achromatopsia
373737

Achromatomaly
233476

CSS Examples

Text

The CSS property to change the color of the text to Hex 0130E5 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 #0130E5 looks like.

```
.text, #text, p{  
    color:#0130E5  
}
```

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 #0130E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0130E5
}
```

Border

The CSS property to change the border of an element to Hex 0130E5 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
#0130E5 }
```

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

```
.border{ border-color:#0130E5 }
```

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

Here you see how a box with a 4 pixel #0130E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0130E5; -webkit-box-shadow:4px 4px  
4px 4px #0130E5; box-shadow:4px 4px 4px  
4px #0130E5 }
```

Background

The CSS property to change the background color of an element to Hex 0130E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0130E5 }
```

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

```
.background{ background-color:#0130E5 }
```

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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