

# Converting Colors

Hex(1031E5)

Have a look what the booklet for  
Hex(1031E5) contains.

<b>Hex(1031E5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1031E5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1031E5
RGB	16, 49, 229
RGB Percent	6%, 19%, 90%
CMY	0.9373, 0.8078, 0.1020
CMYK	0.93, 0.79, 0.00, 0.10
HSL	231°, 87%, 48%
HSV	231°, 93%, 90%
XYZ	15.4549, 7.9639, 74.8514
YIQ	59.6530, -77.4480, 48.9840

# Conversions

## Conversions Part 2

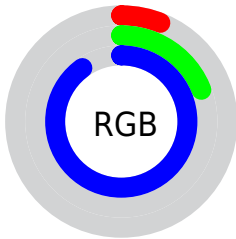
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	16, 45, 229
Decimal	1061349
CIE Lab	33.91, 57.79, -90.47
CIE LCh	34, 107.346, 302.569
Yxy	7.9639, 0.1573, 0.0810
Android (android.graphics.Color)	4279251429 (0xFF1031E5)
YUV	59.6530, 83.4881, -38.2837
Hunter-Lab	28.2204, 48.3694, -137.5054

# Details

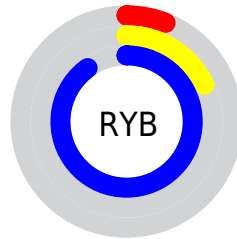
The Hex color **1031E5** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E5C410**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7262FF**, and **0001AC** is the 20% darker color. If you saturate the color by 10%, you get **0023E5**, and if you desaturate by 10%, it is **2744E5**.

# Distribution



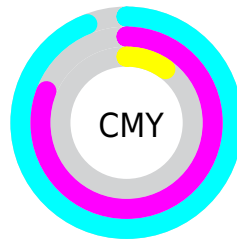
- Red (6%)
- Green (19%)
- Blue (90%)



- Red (6%)
- Yellow (18%)
- Blue (90%)



- Cyan (93%)
- Magenta (79%)
- Yellow (0%)
- Black (10%)



- Cyan (94%)
- Magenta (81%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1031E5 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 1031E5 by changing the saturation by 10% instead.



 1031E5

 1031E5

FFFFFF

 0019C8

 7262FF

 0001AC

 947CFF

 000090

 B496FF

 000075

 D4B2FF

 000D5C

 F4CDFF

 000743

 FFEAFF

 00032C

 000116

 000000

■ 1031E5

■ 1031E5

■ 0023E5

■ 2744E5

■ 3E58E5

■ 556BE5

■ 6C7EE5

■ 8392E5

■ 99A5E5

■ B0B8E5

■ C7CCE5

■ DEDFE5

# Harmonies

## Analogous

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



005EFF



1031E5



B200A1

# Triad

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



1031E5



9C1E00



006A56

# Complementary

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



1031E5



E5C410

# 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.



006700



1031E5



5C5000

# Square

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



1031E5



C80000



006100



006DAC

# Rectangle

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



1031E5



D00069



006100



006937



# Sweetspot

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



1031E5



B8C3FF



10E5C1



545B80



000000



808080



# Same Dimension

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



1031E5



0028FF



5710E5



676973



001CB3



000833



# Inverse Universe

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



E51031



FF0028



9EE510



736769



B3001C

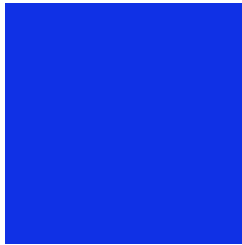


330008



# Previews

## White Background



This preview shows how the Hex color 1031E5 looks on a white background.

## Color Contrast Check

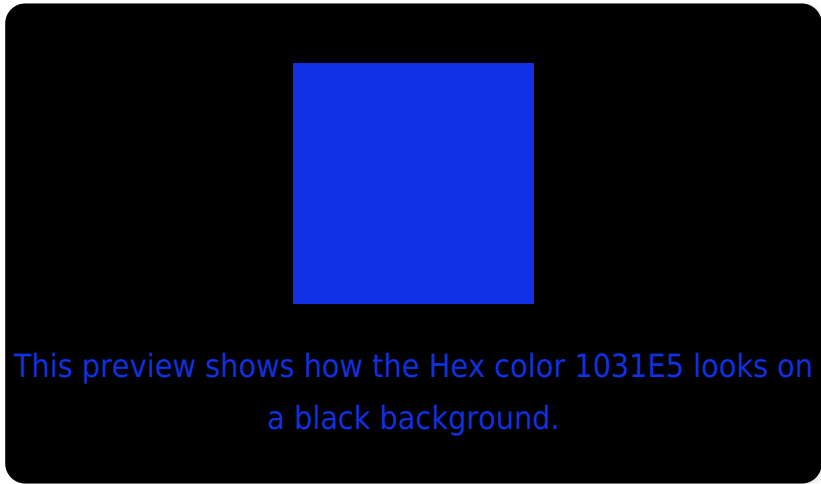
Large Text (above 18pt) WCAG AA ✓ Pass

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

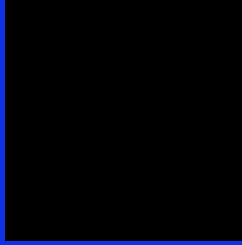
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1031E5 Background



This preview shows how black text looks on a background with the Hex color 1031E5.



This preview shows how white text looks on a background with the Hex color 1031E5.

# 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**  
1031E5

**Protanopia**  
004CA0

**Deuteranopia**  
005288



**Tritanopia**  
00585C

# Trichromacy



**Original Color**  
1031E5

**Protanomaly**  
0642B9

**Deuteranomaly**  
0646AA

**Tritanomaly**  
064A8E

# Monochromacy



**Original Color**  
1031E5

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2C3879

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1031E5 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 #1031E5 looks like.

```
.text, #text, p{  
    color:#1031E5  
}
```

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 #1031E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1031E5
}
```

## Border

The CSS property to change the border of an element to Hex 1031E5 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
#1031E5 }
```

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

```
.border{ border-color:#1031E5 }
```

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

Here you see how a box with a 4 pixel #1031E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1031E5; -webkit-box-shadow:4px 4px  
4px 4px #1031E5; box-shadow:4px 4px 4px  
4px #1031E5 }
```

# Background

The CSS property to change the background color of an element to Hex 1031E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1031E5 }
```

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

```
.background{ background-color:#1031E5 }
```

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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