

# Converting Colors

Hex(1111E5)

Have a look what the booklet for  
Hex(1111E5) contains.

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# Color

**Hex(1111E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1111E5
RGB	17, 17, 229
RGB Percent	7%, 7%, 90%
CMY	0.9333, 0.9333, 0.1020
CMYK	0.93, 0.93, 0.00, 0.10
HSL	240°, 86%, 48%
HSV	240°, 93%, 90%
XYZ	14.5745, 6.1772, 74.5529
YIQ	41.1680, -68.0520, 65.9320

# Conversions

## Conversions Part 2

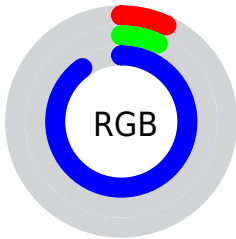
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	17, 17, 229
Decimal	1118693
CIE Lab	29.86, 69.97, -97.22
CIE LCh	30, 119.779, 305.744
Yxy	6.1772, 0.1529, 0.0648
Android (android.graphics.Color)	4279308773 (0xFF1111E5)
YUV	41.1680, 92.6012, -21.1953
Hunter-Lab	24.8540, 61.1785, -160.4505

# Details

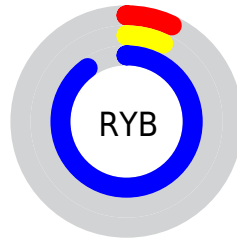
The Hex color **1111E5** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **E5E511**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **744BFF**, and **0000AC** is the 20% darker color. If you saturate the color by 10%, you get **0000E5**, and if you desaturate by 10%, it is **2828E5**.

# Distribution



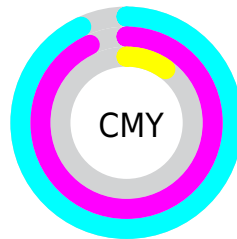
- Red (7%)
- Green (7%)
- Blue (90%)



- Red (7%)
- Yellow (7%)
- Blue (90%)



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




- Cyan (93%)
- Magenta (93%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 1111E5 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 1111E5 by changing the saturation by 10% instead.



 1111E5

 1111E5

FFFFFF

 0000C8

 744BFF

 0000AC

 9665FF

 000090

 B780FF

 000375

 D89BFF

 000D5B

 F8B7FF

 000743

 FFD4FF

 00032C

 FFF1FF

 000116

 000000

■ 1111E5

■ 1111E5

■ 0000E5

■ 2828E5

■ 3F3FE5

■ 5656E5

■ 6D6DE5

■ 8383E5

■ 9A9AE5

■ B1B1E5

■ C8C8E5

■ DFDFE5

# Harmonies

## Analogous

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



0056FF



1111E5



B70096

# Triad

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



1111E5



8F1000



006057

# Complementary

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



1111E5



E5E511

# 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.



005E00



1111E5



474A00

# Square

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



1111E5



C20000



005900



0064B5

# Rectangle

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



1111E5



D20059



005900



005F36



# Sweetspot

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



1111E5



B8B8FF



11E5E5



545480



000000



808080



# Same Dimension

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



1111E5



0000FF



7B11E5



676773



0000B3



000033



# Inverse Universe

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



E511E5



FF00FF



7BE511



736773



B300B3

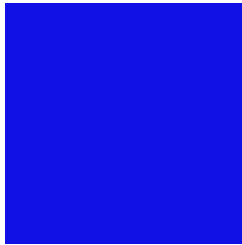


330033



# Previews

## White Background



This preview shows how the Hex color 1111E5 looks on a white background.

## Color Contrast Check

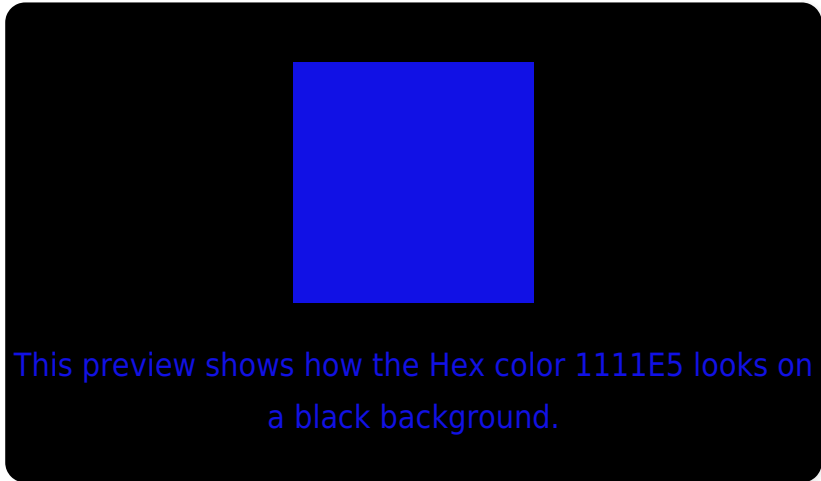
Large Text (above 18pt) WCAG AA ✓ Pass

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

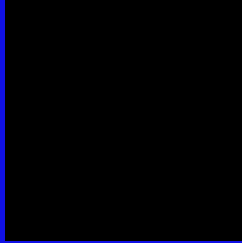
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1111E5 Background



This preview shows how black text looks on a background with the Hex color 1111E5.



This preview shows how white text looks on a background with the Hex color 1111E5.

# 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**  
004E52

# Trichromacy



**Original Color**  
1111E5

**Protanomaly**  
0631AE

**Deuteranomaly**  
0635A0

**Tritanomaly**  
063887

# Monochromacy



**Original Color**  
1111E5

**Achromatopsia**  
292929

**Achromatomaly**  
20206D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1111E5 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 #1111E5 looks like.

```
.text, #text, p{  
    color:#1111E5  
}
```

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 #1111E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1111E5
}
```

## Border

The CSS property to change the border of an element to Hex 1111E5 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
#1111E5 }
```

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

```
.border{ border-color:#1111E5 }
```

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

Here you see how a box with a 4 pixel #1111E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1111E5; -webkit-box-shadow:4px 4px  
4px 4px #1111E5; box-shadow:4px 4px 4px  
4px #1111E5 }
```

# Background

The CSS property to change the background color of an element to Hex 1111E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1111E5 }
```

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

```
.background{ background-color:#1111E5 }
```

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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