

Converting Colors

Hex(1237EB)

Have a look what the booklet for
Hex(1237EB) contains.

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Color

Hex(1237EB)

Conversions

Conversions Part 1

Format	Color
Hex	1237EB
RGB	18, 55, 235
RGB Percent	7%, 22%, 92%
CMY	0.9294, 0.7843, 0.0784
CMYK	0.92, 0.77, 0.00, 0.08
HSL	230°, 86%, 50%
HSV	230°, 92%, 92%
XYZ	16.6110, 8.8591, 79.4317
YIQ	64.4570, -79.8320, 48.1360

Conversions

Conversions Part 2

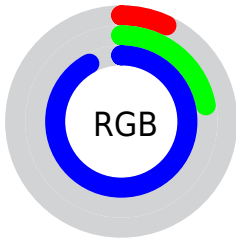
Format	Color
R_{YB}	18, 50, 235
Decimal	1193963
CIE _{Lab}	35.71, 56.65, -90.88
CIE _{LCh}	36, 107.096, 301.937
Yxy	8.8591, 0.1583, 0.0845
Android (android.graphics.Color)	4279384043 (0xFF1237EB)
YUV	64.4570, 84.0777, -40.7428
Hunter-Lab	29.7643, 47.5308, -137.3918

Details

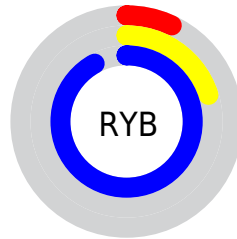
The Hex color **1237EB** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EBC612**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7368FF**, and **0008B2** is the 20% darker color. If you saturate the color by 10%, you get **0028EB**, and if you desaturate by 10%, it is **2A4AEB**.

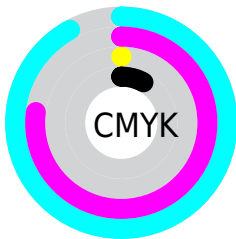
Distribution



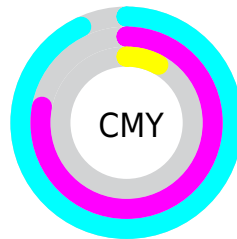
- Red (7%)
- Green (22%)
- Blue (92%)



- Red (7%)
- Yellow (20%)
- Blue (92%)



- Cyan (92%)
- Magenta (77%)
- Yellow (0%)
- Black (8%)



- Cyan (93%)
- Magenta (78%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1237EB 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 1237EB by changing the saturation by 10% instead.

 1237EB

 1237EB

FFFFFF


 0020CE

 7368FF

 0008B2

 9582FF

 000096

 B69CFF

 00007B

 D6B8FF

 000F61

 F6D4FF

 000848

 FFF0FF

 000430

 00011B

 000000

■ 1237EB

■ 1237EB

■ 0028EB

■ 2A4AEB

■ 415EEB

■ 5971EB

■ 7085EB

■ 8898EB

■ 9FACEB

■ B7BFEB

■ CED3EB

■ E6E6EB

Harmonies

Analogous

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



0062FF



1237EB



B600A7

Triad

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



1237EB



A32200



006F58

Complementary

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



1237EB



EBC612

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.



006C00



1237EB



635400

Square

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



1237EB



CF0000



006600



0072AF

Rectangle

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



1237EB



D5006F



006600



006E39

Sweetspot

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



1237EB



B8C4FF



12EBC3



545C80



000000



808080

Same Dimension

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



1237EB



002BFF



5712EB



6A6C75



001FB5



000936

Inverse Universe

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



EB1237



FF002B



A6EB12



756A6C



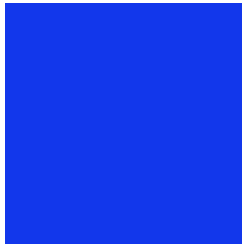
B5001F



360009

Previews

White Background



This preview shows how the Hex color 1237EB looks on a white background.

Color Contrast Check

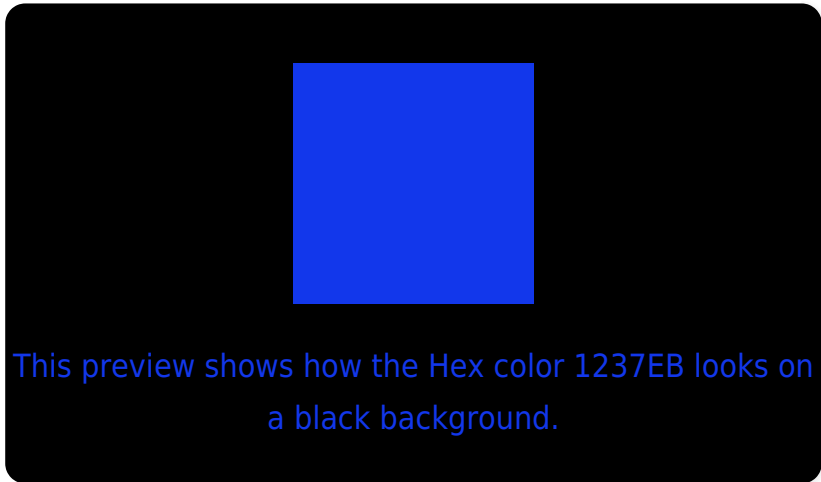
Large Text (above 18pt) WCAG AA ✓ Pass

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

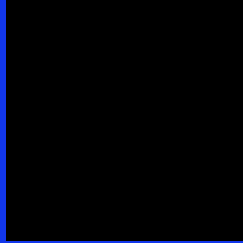
Any Text WCAG AA × Fail

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 1237EB Background



This preview shows how black text looks on a background with the Hex color 1237EB.

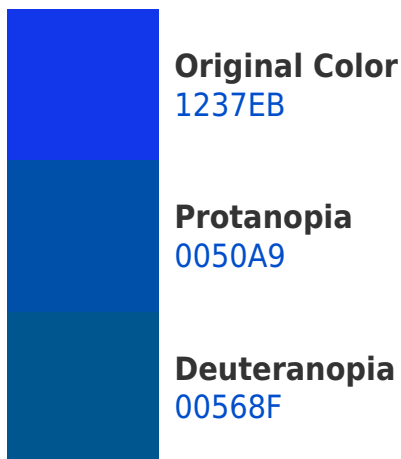



This preview shows how white text looks on a background with the Hex color 1237EB.

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
005C61

Trichromacy



Original Color
1237EB

Protanomaly
0747C1

Deuteranomaly
074BB0

Tritanomaly
074F93

Monochromacy



Original Color
1237EB

Achromatopsia
404040

Achromatomaly
2F3D7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1237EB 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 #1237EB looks like.

```
.text, #text, p{  
    color:#1237EB  
}
```

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 #1237EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1237EB
}
```

Border

The CSS property to change the border of an element to Hex 1237EB 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
#1237EB }
```

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

```
.border{ border-color:#1237EB }
```

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

Here you see how a box with a 4 pixel #1237EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1237EB; -webkit-box-shadow:4px 4px  
4px 4px #1237EB; box-shadow:4px 4px 4px  
4px #1237EB }
```

Background

The CSS property to change the background color of an element to Hex 1237EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1237EB }
```

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

```
.background{ background-color:#1237EB }
```

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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