

Converting Colors

Hex(1A37E4)

Have a look what the booklet for
Hex(1A37E4) contains.

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Color

Hex(1A37E4)

Conversions

Conversions Part 1

Format	Color
Hex	1A37E4
RGB	26, 55, 228
RGB Percent	10%, 22%, 89%
CMY	0.8980, 0.7843, 0.1059
CMYK	0.89, 0.76, 0.00, 0.11
HSL	231°, 80%, 50%
HSV	231°, 89%, 89%
XYZ	15.7958, 8.5534, 74.2172
YIQ	66.0510, -72.8170, 47.6550

Conversions

Conversions Part 2

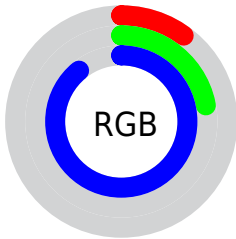
Format	Color
R _Y B	26, 51, 228
Decimal	1718244
CIE Lab	35.11, 54.60, -87.89
CIE LCh	35, 103.469, 301.847
Yxy	8.5534, 0.1603, 0.0868
Android (android.graphics.Color)	4279908324 (0xFF1A37E4)
YUV	66.0510, 79.8409, -35.1247
Hunter-Lab	29.2462, 45.2262, -129.9859

Details

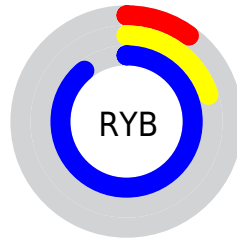
The Hex color **1A37E4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E4C71A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7468FF**, and **0009AB** is the 20% darker color. If you saturate the color by 10%, you get **0323E4**, and if you desaturate by 10%, it is **314BE4**.

Distribution



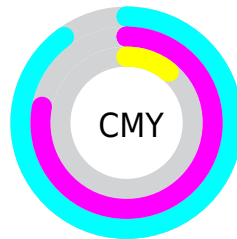
- Red (10%)
- Green (22%)
- Blue (89%)



- Red (10%)
- Yellow (20%)
- Blue (89%)



- Cyan (89%)
- Magenta (76%)
- Yellow (0%)
- Black (11%)



- Cyan (90%)
- Magenta (78%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A37E4 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 1A37E4 by changing the saturation by 10% instead.

 1A37E4

 1A37E4


FFFFFF

 0020C7

 7468FF

 0009AB

 9582FF

 00008F

 B59CFF

 000075

 D5B7FF

 000D5B

 F5D3FF

 000742

 FFF0FF

 00032B

 000115

 000000

■ 1A37E4

■ 1A37E4

■ 0323E4

■ 314BE4

■ 0021E4

■ 485EE4

■ 5E72E4

■ 7585E4

■ 8C99E4

■ A3ACE4

■ BAC0E4

■ D0D3E4

■ E7E7E4

Harmonies

Analogous

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



0060FF



1A37E4



B100A3

Triad

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



1A37E4



9F2300



006D56

Complementary

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



1A37E4



E4C71A

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



1A37E4



615200

Square

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



1A37E4



CA0000



006400



006FAA

Rectangle

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



1A37E4



CF006D



006400



006C39

Sweetspot

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



1A37E4



BAC4FF



1AE4C6



575D80



000000



808080

Same Dimension

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



1A37E4



0025FF



611AE4



676973



001AB3



000733

Inverse Universe

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



E41A37



FF0025



9DE41A



736769



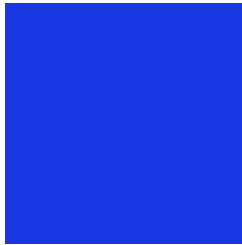
B3001A



330007

Previews

White Background



This preview shows how the Hex color 1A37E4 looks on a white background.

Color Contrast Check

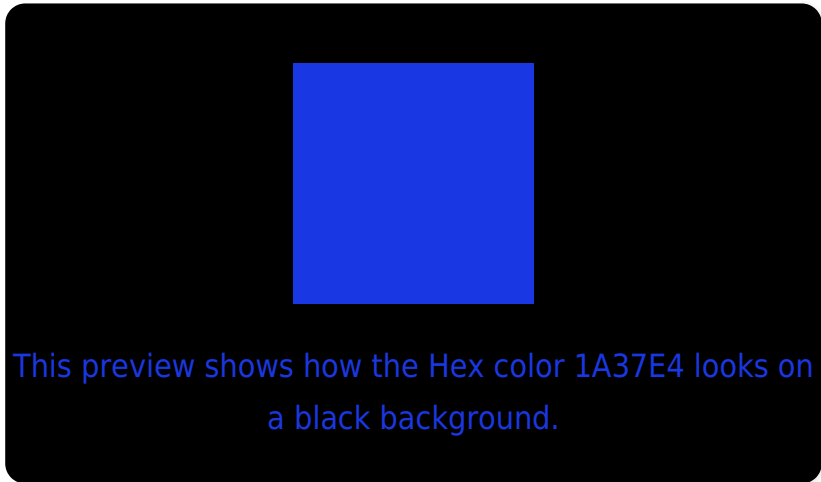
Large Text (above 18pt) WCAG AA ✓ Pass

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

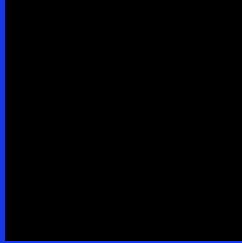
Any Text WCAG AA × Fail

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 1A37E4 Background



This preview shows how black text looks on a background with the Hex color 1A37E4.

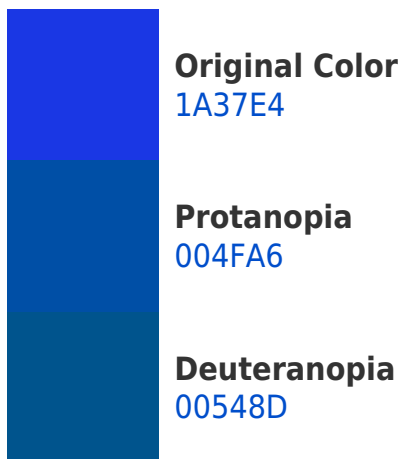


This preview shows how white text looks on a background with the Hex color 1A37E4.

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
005B60

Trichromacy



Original Color
1A37E4

Protanomaly
0946BD

Deuteranomaly
0949AD

Tritanomaly
094E90

Monochromacy



Original Color
1A37E4

Achromatopsia
424242

Achromatomaly
333E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A37E4 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 #1A37E4 looks like.

```
.text, #text, p{  
    color:#1A37E4  
}
```

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 #1A37E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A37E4
}
```

Border

The CSS property to change the border of an element to Hex 1A37E4 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
#1A37E4 }
```

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

```
.border{ border-color:#1A37E4 }
```

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

Here you see how a box with a 4 pixel #1A37E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A37E4; -webkit-box-shadow:4px 4px  
4px 4px #1A37E4; box-shadow:4px 4px 4px  
4px #1A37E4 }
```

Background

The CSS property to change the background color of an element to Hex 1A37E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A37E4 }
```

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

```
.background{ background-color:#1A37E4 }
```

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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