

Converting Colors

Hex(1A77E5)

Have a look what the booklet for
Hex(1A77E5) contains.

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Color

Hex(1A77E5)

Conversions

Conversions Part 1

Format	Color
Hex	1A77E5
RGB	26, 119, 229
RGB Percent	10%, 47%, 90%
CMY	0.8980, 0.5333, 0.1020
CMYK	0.89, 0.48, 0.00, 0.10
HSL	213°, 80%, 50%
HSV	213°, 89%, 90%
XYZ	21.1657, 19.0704, 76.6941
YIQ	103.7330, -90.7380, 14.4940

Conversions

Conversions Part 2

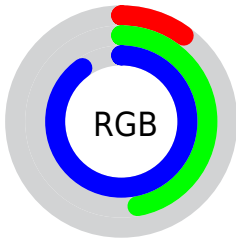
Format	Color
R _Y B	26, 90, 229
Decimal	1734629
CIE Lab	50.77, 15.26, -62.83
CIE LCh	51, 64.658, 283.656
Yxy	19.0704, 0.1810, 0.1631
Android (android.graphics.Color)	4279924709 (0xFF1A77E5)
YUV	103.7330, 61.7566, -68.1718
Hunter-Lab	43.6697, 10.0929, -73.5583

Details

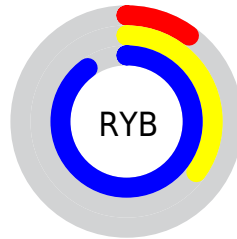
The Hex color **1A77E5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E5881A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6FABFF**, and **0048AD** is the 20% darker color. If you saturate the color by 10%, you get **036BE5**, and if you desaturate by 10%, it is **3183E5**.

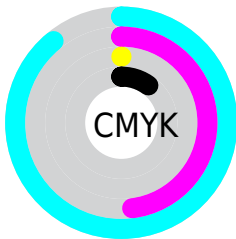
Distribution



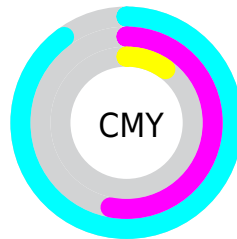
- Red (10%)
- Green (47%)
- Blue (90%)



- Red (10%)
- Yellow (35%)
- Blue (90%)



- Cyan (89%)
- Magenta (48%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (53%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A77E5 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 1A77E5 by changing the saturation by 10% instead.

■ 1A77E5

■ 1A77E5

FFFFFF

■ 005FC8

■ 6FABFF

■ 0048AD

■ 90C6FF

■ 003291

■ AFE1FF

■ 001F77

■ CEFEFF

■ 00055E

■ EDFFFF

■ 000845

■ 00032E

■ 000118

■ 000000

■ 1A77E5

■ 1A77E5

■ 036BE5

■ 3183E5

■ 0069E5

■ 4890E5

■ 5F9CE5

■ 76A9E5

■ 8CB5E5

■ A3C1E5

■ BACEE5

■ D1DAE5

■ E8E7E5

Harmonies

Analogous

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



0088E3



1A77E5



9A5EC9

Triad

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



1A77E5



CC522E



009058

Complementary

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



1A77E5



E5881A

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.



388A1E



1A77E5



AA6B00

Square

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



1A77E5



DA3C62



7A7E00



009291

Rectangle

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



1A77E5



BF4BAB



7A7E00



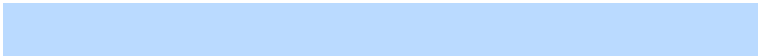
008E45

Sweetspot

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



1A77E5



BADAFF



1AE586



576980



000000



808080

Same Dimension

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



1A77E5



0075FF



211AE5



676D73



0052B3



001733

Inverse Universe

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



E51A77



FF0075



DEE51A



73676D



B30052



330017

Previews

White Background



This preview shows how the Hex color 1A77E5 looks on a white background.

Color Contrast Check

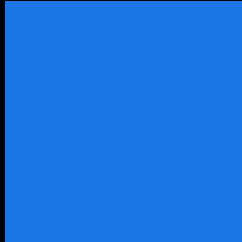
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1A77E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

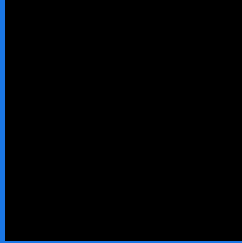
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

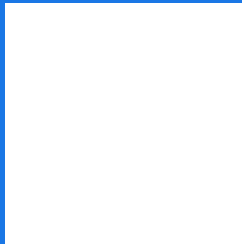
Any Text WCAG AAA × Fail

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

Hex 1A77E5 Background



This preview shows how black text looks on a background with the Hex color 1A77E5.

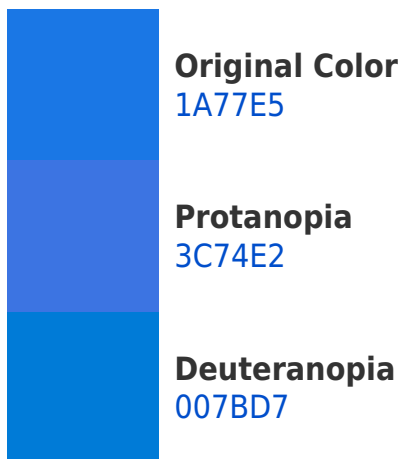


This preview shows how white text looks on a background with the Hex color 1A77E5.

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](#).

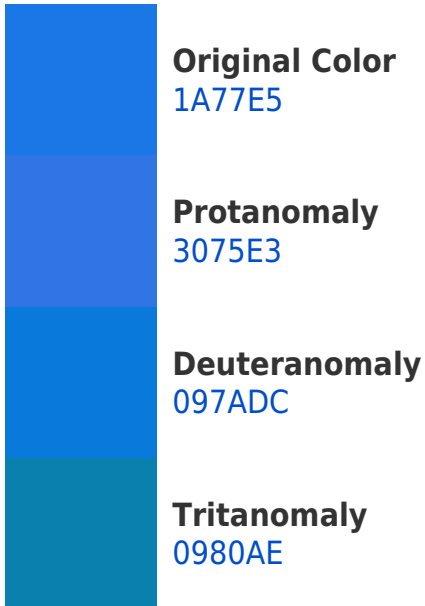
Dichromacy



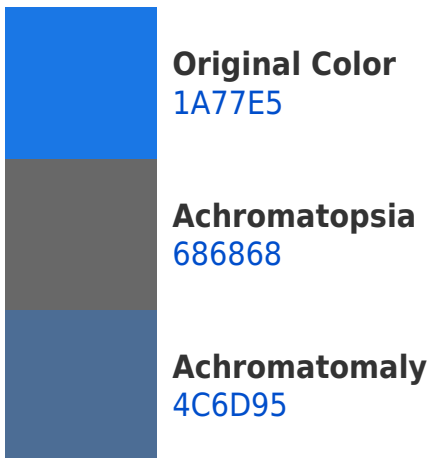


Tritanopia
00858E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A77E5 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 #1A77E5 looks like.

```
.text, #text, p{  
    color:#1A77E5  
}
```

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 #1A77E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A77E5
}
```

Border

The CSS property to change the border of an element to Hex 1A77E5 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
#1A77E5 }
```

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

```
.border{ border-color:#1A77E5 }
```

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

Here you see how a box with a 4 pixel #1A77E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A77E5; -webkit-box-shadow:4px 4px  
4px 4px #1A77E5; box-shadow:4px 4px 4px  
4px #1A77E5 }
```

Background

The CSS property to change the background color of an element to Hex 1A77E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A77E5 }
```

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

```
.background{ background-color:#1A77E5 }
```

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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