

Converting Colors

Hex(1A91E5)

Have a look what the booklet for
Hex(1A91E5) contains.

Hex(1A91E5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A91E5)

Conversions

Conversions Part 1

Format	Color
Hex	1A91E5
RGB	26, 145, 229
RGB Percent	10%, 57%, 90%
CMY	0.8980, 0.4314, 0.1020
CMYK	0.89, 0.37, 0.00, 0.10
HSL	205°, 80%, 50%
HSV	205°, 89%, 90%
XYZ	24.6943, 26.1276, 77.8703
YIQ	118.9950, -97.8880, 0.8960

Conversions

Conversions Part 2

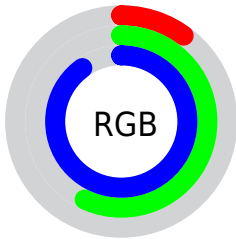
Format	Color
RYP	26, 101, 229
Decimal	1741285
CIELab	58.16, -0.60, -51.00
CIELCh	58, 51.000, 269.328
Yxy	26.1276, 0.1919, 0.2030
Android (android.graphics.Color)	4279931365 (0xFF1A91E5)
YUV	118.9950, 54.2325, -81.5566
Hunter-Lab	51.1151, -3.2162, -54.5436

Details

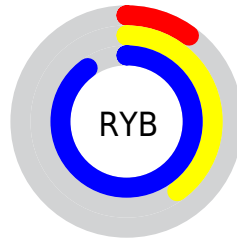
The Hex color **1A91E5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **E56E1A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6FC6FF**, and **005FAD** is the 20% darker color. If you saturate the color by 10%, you get **0388E5**, and if you desaturate by 10%, it is **319AE5**.

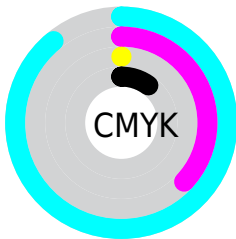
Distribution



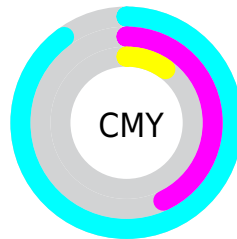
- Red (10%)
- Green (57%)
- Blue (90%)



- Red (10%)
- Yellow (40%)
- Blue (90%)



- Cyan (89%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (43%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A91E5 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 1A91E5 by changing the saturation by 10% instead.

 1A91E5

 1A91E5

FFFFFF

 0078C9

 6FC6FF

 005FAD

 8FE2FF

 004892

 AFFFFFF

 003278

 CEFFFF

 001E5E

 EDFFFF

 000846

 00042F

 000119

 000000

■ 1A91E5

■ 1A91E5

■ 0388E5

■ 319AE5

■ 0086E5

■ 48A4E5

■ 5FADE5

■ 76B7E5

■ 8CC0E5

■ A3CAE5

■ BAD3E5

■ D1DDE5

■ E8E6E5

Harmonies

Analogous

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



009CD8



1A91E5



8B80DA

Triad

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



1A91E5



DC6963



3B9E5C

Complementary

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



1A91E5



E56E1A

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.



789639



1A91E5



C8783F

Square

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



1A91E5



DB648F



A5892D



00A289

Rectangle

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



1A91E5



B374C6



A5892D



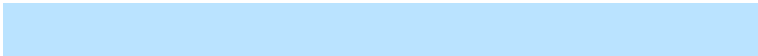
539C4F

Sweetspot

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



1A91E5



BAE3FF



1AE56B



576F80



000000



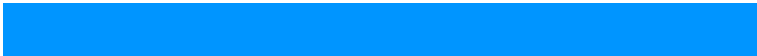
808080

Same Dimension

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



1A91E5



0095FF



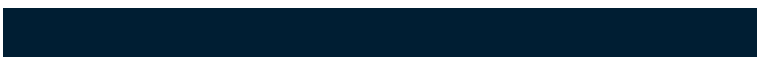
1A2EE5



676E73



0069B3



001E33

Inverse Universe

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



E51A91



FF0095



E5D11A



73676E



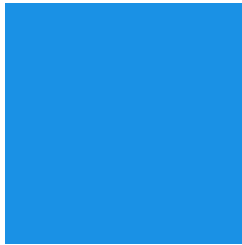
B30069



33001E

Previews

White Background



This preview shows how the Hex color 1A91E5 looks on a white background.

Color Contrast Check

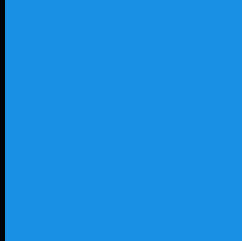
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A91E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

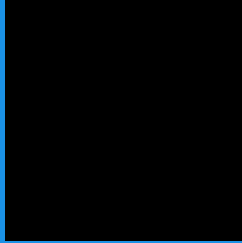
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

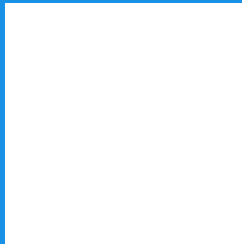
Any Text WCAG AAA × Fail

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

Hex 1A91E5 Background



This preview shows how black text looks on a background with the Hex color 1A91E5.

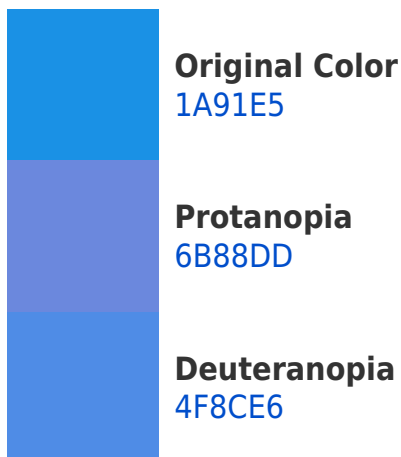


This preview shows how white text looks on a background with the Hex color 1A91E5.

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
009AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A91E5 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 #1A91E5 looks like.

```
.text, #text, p{  
    color:#1A91E5  
}
```

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 #1A91E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A91E5
}
```

Border

The CSS property to change the border of an element to Hex 1A91E5 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
#1A91E5 }
```

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

```
.border{ border-color:#1A91E5 }
```

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

Here you see how a box with a 4 pixel #1A91E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A91E5; -webkit-box-shadow:4px 4px  
4px 4px #1A91E5; box-shadow:4px 4px 4px  
4px #1A91E5 }
```

Background

The CSS property to change the background color of an element to Hex 1A91E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A91E5 }
```

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

```
.background{ background-color:#1A91E5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor