

Converting Colors

Hex(1A58E5)

Have a look what the booklet for
Hex(1A58E5) contains.

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Color

Hex(1A58E5)

Conversions

Conversions Part 1

Format	Color
Hex	1A58E5
RGB	26, 88, 229
RGB Percent	10%, 35%, 90%
CMY	0.8980, 0.6549, 0.1020
CMYK	0.89, 0.62, 0.00, 0.10
HSL	222°, 80%, 50%
HSV	222°, 89%, 90%
XYZ	18.0586, 12.8562, 75.6584
YIQ	85.5360, -82.2130, 30.7070

Conversions

Conversions Part 2

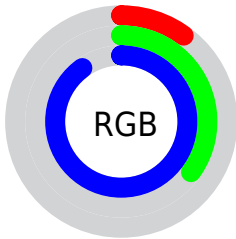
Format	Color
R_{YB}	26, 73, 229
Decimal	1726693
CIE Lab	42.55, 35.09, -76.20
CIE LCh	43, 83.895, 294.725
Yxy	12.8562, 0.1694, 0.1206
Android (android.graphics.Color)	4279916773 (0xFF1A58E5)
YUV	85.5360, 70.7278, -52.2131
Hunter-Lab	35.8555, 27.1540, -100.0084

Details

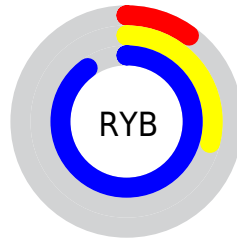
The Hex color **1A58E5** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E5A71A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7189FF**, and **002CAC** is the 20% darker color. If you saturate the color by 10%, you get **0348E5**, and if you desaturate by 10%, it is **3168E5**.

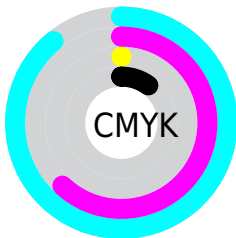
Distribution



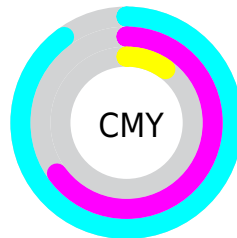
- Red (10%)
- Green (35%)
- Blue (90%)



- Red (10%)
- Yellow (29%)
- Blue (90%)



- Cyan (89%)
- Magenta (62%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (65%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A58E5 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 1A58E5 by changing the saturation by 10% instead.

 1A58E5

 1A58E5

FFFFFF

 0041C8

 7189FF

 002CAC

 92A3FF

 001991

 B1BEFF

 000476

 D1DAFF

 000C5C

 F0F7FF

 000744

 00032D

 000117

 000000

■ 1A58E5

■ 1A58E5

■ 0348E5

■ 3168E5

■ 0046E5

■ 4878E5

■ 5F88E5

■ 7698E5

■ 8CA8E5

■ A3B7E5

■ BAC7E5

■ D1D7E5

■ E8E7E5

Harmonies

Analogous

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



0072F1



1A58E5



A823B6

Triad

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



1A58E5



B73900



007E56

Complementary

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



1A58E5



E5A71A

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.



007A00



1A58E5



855E00

Square

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



1A58E5



D40030



427100



00809D

Rectangle

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



1A58E5



CA008B



427100



007D3D

Sweetspot

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



1A58E5



BACFFF



1AE5A5



576380



000000



808080

Same Dimension

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



1A58E5



004EFF



3F1AE5



676B73



0037B3



001033

Inverse Universe

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



E51A58



FF004E



C0E51A



73676B



B30037



330010

Previews

White Background



This preview shows how the Hex color 1A58E5 looks on a white background.

Color Contrast Check

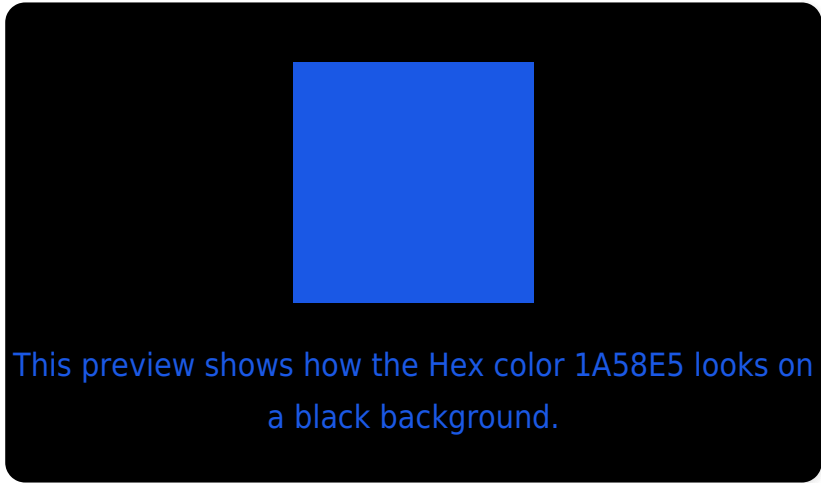
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

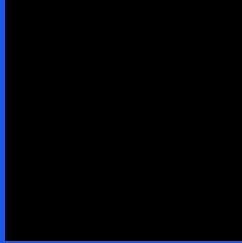
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1A58E5 Background



This preview shows how black text looks on a background with the Hex color 1A58E5.



This preview shows how white text looks on a background with the Hex color 1A58E5.

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
006F75

Trichromacy



Original Color
1A58E5

Protanomaly
095DD4

Deuteranomaly
0961C2

Tritanomaly
09679E

Monochromacy



Original Color
1A58E5

Achromatopsia
565656

Achromatomaly
40578A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A58E5 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 #1A58E5 looks like.

```
.text, #text, p{  
    color:#1A58E5  
}
```

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 #1A58E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A58E5
}
```

Border

The CSS property to change the border of an element to Hex 1A58E5 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
#1A58E5 }
```

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

```
.border{ border-color:#1A58E5 }
```

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

Here you see how a box with a 4 pixel #1A58E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A58E5; -webkit-box-shadow:4px 4px  
4px 4px #1A58E5; box-shadow:4px 4px 4px  
4px #1A58E5 }
```

Background

The CSS property to change the background color of an element to Hex 1A58E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A58E5 }
```

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

```
.background{ background-color:#1A58E5 }
```

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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