

Converting Colors

Hex(1A70C9)

Have a look what the booklet for
Hex(1A70C9) contains.

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Color

Hex(1A70C9)

Conversions

Conversions Part 1

Format	Color
Hex	1A70C9
RGB	26, 112, 201
RGB Percent	10%, 44%, 79%
CMY	0.8980, 0.5608, 0.2118
CMYK	0.87, 0.44, 0.00, 0.21
HSL	211°, 77%, 45%
HSV	211°, 87%, 79%
XYZ	16.7628, 16.0250, 57.4680
YIQ	96.4320, -79.8250, 9.4470

Conversions

Conversions Part 2

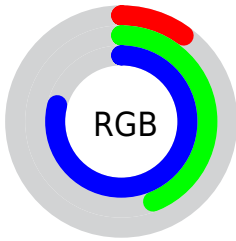
Format	Color
R _Y B	26, 84, 201
Decimal	1732809
CIE Lab	47.01, 8.81, -53.00
CIE LCh	47, 53.723, 279.442
Yxy	16.0250, 0.1857, 0.1776
Android (android.graphics.Color)	4279922889 (0xFF1A70C9)
YUV	96.4320, 51.5520, -61.7689
Hunter-Lab	40.0312, 4.6909, -57.0936

Details

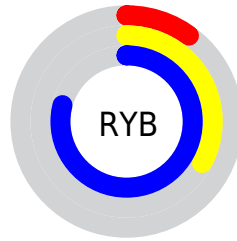
The Hex color **1A70C9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C9731A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **68A3FF**, and **004192** is the 20% darker color. If you saturate the color by 10%, you get **0666C9**, and if you desaturate by 10%, it is **2E7AC9**.

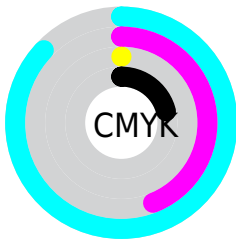
Distribution



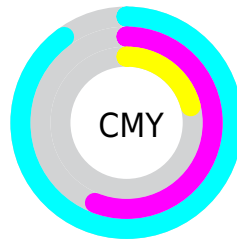
- Red (10%)
- Green (44%)
- Blue (79%)



- Red (10%)
- Yellow (33%)
- Blue (79%)



- Cyan (87%)
- Magenta (44%)
- Yellow (0%)
- Black (21%)



- Cyan (90%)
- Magenta (56%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A70C9 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 1A70C9 by changing the saturation by 10% instead.

 1A70C9

 1A70C9

FFFFFF

 0058AD

 68A3FF

 004192

 87BEFF

 002C78

 A6DAFF

 00195F

 C4F6FF

 000846

 E2FFFF

 00042F

 000119

 000000

 1A70C9

 1A70C9

■ 0666C9

■ 2E7AC9

■ 0063C9

■ 4284C9

■ 568FC9

■ 6A99C9

■ 7FA3C9

■ 93ADC9

■ A7B8C9

■ BBC2C9

■ CFCCC9

Harmonies

Analogous

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



007DC4



1A70C9



835DB6

Triad

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



1A70C9



B84E38



00824E

Complementary

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



1A70C9



C9731A

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.



477D23



1A70C9



9E6212

Square

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



1A70C9



C04263



787200



00857D

Rectangle

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



1A70C9



A54F9E



787200



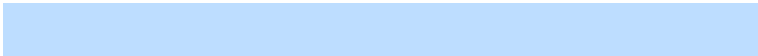
00813F

Sweetspot

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



1A70C9



BDDDFE



1AC972



586B80



000000



808080

Same Dimension

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



1A70C9



007DFF



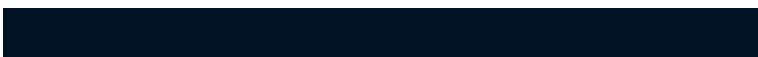
1A1AC9



5A5E63



0050A3



001224

Inverse Universe

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



C91A70



FF007D



C9C91A



635A5E



A30050



240012

Previews

White Background



This preview shows how the Hex color 1A70C9 looks on a white background.

Color Contrast Check

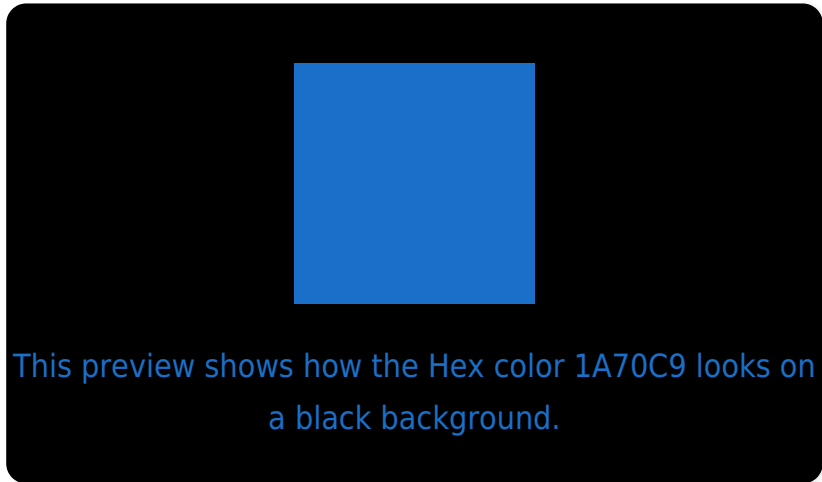
Large Text (above 18pt) WCAG AA ✓ Pass

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

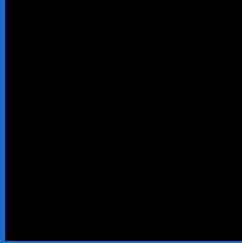
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

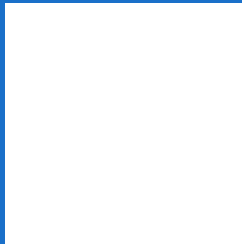
Any Text WCAG AAA × Fail

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

Hex 1A70C9 Background



This preview shows how black text looks on a background with the Hex color 1A70C9.



This preview shows how white text looks on a background with the Hex color 1A70C9.

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



Trichromacy



Original Color
1A70C9

Protanomaly
356DC6

Tritanomaly
09779D

Monochromacy



Original Color
1A70C9

Achromatopsia
606060

Achromatomaly
476686

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A70C9 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 #1A70C9 looks like.

```
.text, #text, p{  
    color:#1A70C9  
}
```

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 #1A70C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A70C9
}
```

Border

The CSS property to change the border of an element to Hex 1A70C9 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
#1A70C9 }
```

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

```
.border{ border-color:#1A70C9 }
```

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

Here you see how a box with a 4 pixel #1A70C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A70C9; -webkit-box-shadow:4px 4px  
4px 4px #1A70C9; box-shadow:4px 4px 4px  
4px #1A70C9 }
```

Background

The CSS property to change the background color of an element to Hex 1A70C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A70C9 }
```

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

```
.background{ background-color:#1A70C9 }
```

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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