

Converting Colors

Hex(1A29B9)

Have a look what the booklet for
Hex(1A29B9) contains.

Hex(1A29B9)	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(1A29B9)

Conversions

Conversions Part 1

Format	Color
Hex	1A29B9
RGB	26, 41, 185
RGB Percent	10%, 16%, 73%
CMY	0.8980, 0.8392, 0.2745
CMYK	0.86, 0.78, 0.00, 0.27
HSL	234°, 75%, 41%
HSV	234°, 86%, 73%
XYZ	9.9759, 5.3083, 46.3978
YIQ	52.9310, -55.1640, 41.6040

Conversions

Conversions Part 2

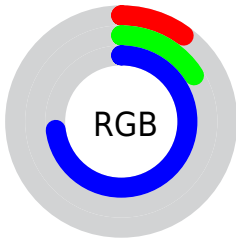
Format	Color
R_{YB}	26, 40, 185
Decimal	1714617
CIE _{Lab}	27.60, 47.94, -75.34
CIE _{LCh}	28, 89.297, 302.471
Yxy	5.3083, 0.1617, 0.0861
Android (android.graphics.Color)	4279904697 (0xFF1A29B9)
YUV	52.9310, 65.1100, -23.6185
Hunter-Lab	23.0397, 36.9688, -103.2715

Details

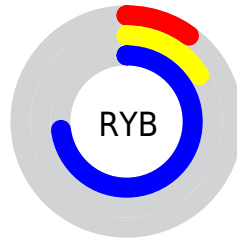
The Hex color **1A29B9** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B9AA1A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6959F2**, and **000082** is the 20% darker color. If you saturate the color by 10%, you get **0718B9**, and if you desaturate by 10%, it is **2D3AB9**.

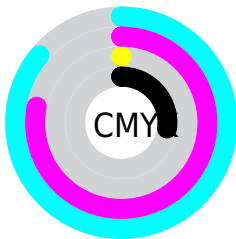
Distribution



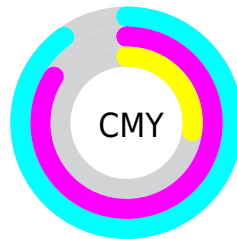
- Red (10%)
- Green (16%)
- Blue (73%)



- Red (10%)
- Yellow (16%)
- Blue (73%)



- Cyan (86%)
- Magenta (78%)
- Yellow (0%)
- Black (27%)



- Cyan (90%)
- Magenta (84%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A29B9 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 1A29B9 by changing the saturation by 10% instead.

■ 1A29B9

■ 1A29B9

FFFFFF

■ 00129D

■ 6959F2

■ 000082

■ 8872FF

■ 000068

■ A78CFF

■ 000A4F

■ C5A6FF

■ 000537

■ E4C2FF

■ 000221

■ FFDEFF

■ 000005

■ FFFBFF

■ 000000

■ 1A29B9

■ 1A29B9

0718B9

2D3AB9

0011B9

3F4BB9

515BB9

646CB9

767DB9

898EB9

9B9EB9

AEAFB9

C1C0B9

Harmonies

Analogous

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



004CD0



1A29B9



900082

Triad

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



1A29B9



801B00



005746

Complementary

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



1A29B9



B9AA1A

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.



005500



1A29B9



4C4100

Square

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



1A29B9



A30000



005000



00598B

Rectangle

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



1A29B9



A90056



005000



00562D

Sweetspot

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



1A29B9



B1B7F0



1AB9A9



535678



F7F7F7



787878

Same Dimension

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



1A29B9



0017F0



5A1AB9



53535C



000F9C



00031C

Inverse Universe

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



B91A29



F00017



79B91A



5C5353



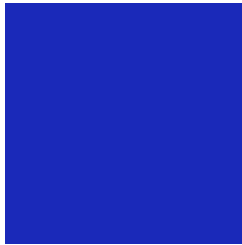
9C000F



1C0003

Previews

White Background



This preview shows how the Hex color 1A29B9 looks on a white background.

Color Contrast Check

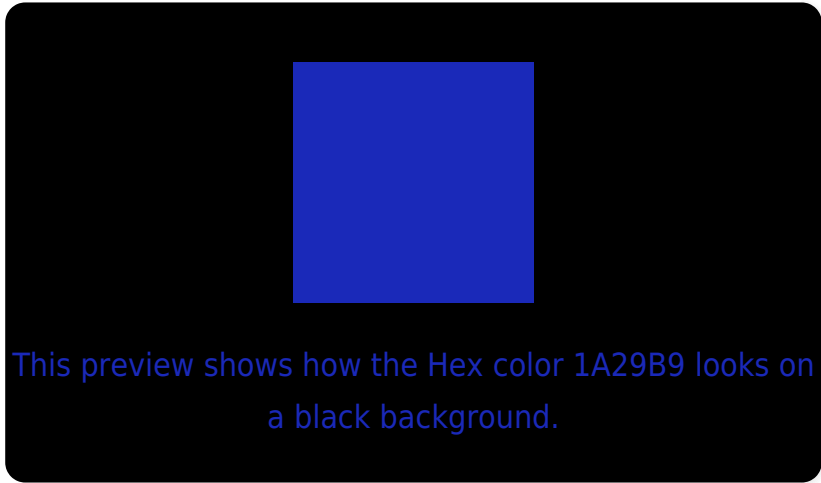
Large Text (above 18pt) WCAG AA ✓ Pass

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

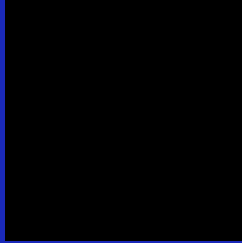
Any Text WCAG AA × Fail

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 1A29B9 Background



This preview shows how black text looks on a background with the Hex color 1A29B9.



This preview shows how white text looks on a background with the Hex color 1A29B9.

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



Original Color


1A29B9

Protanopia

003F84

Deuteranopia

004370



Tritanopia
00484C

Trichromacy



Original Color
1A29B9

Protanomaly
093797

Deuteranomaly
093A8B

Tritanomaly
093D74

Monochromacy



Original Color
1A29B9

Achromatopsia
353535

Achromatomaly
2B3165

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A29B9 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 #1A29B9 looks like.

```
.text, #text, p{  
    color:#1A29B9  
}
```

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 #1A29B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A29B9
}
```

Border

The CSS property to change the border of an element to Hex 1A29B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

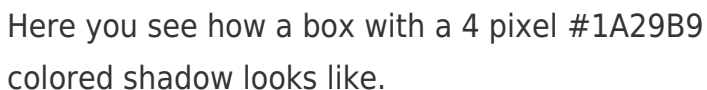
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A29B9 }
```

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

```
.border{ border-color:#1A29B9 }
```

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



Here you see how a box with a 4 pixel #1A29B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A29B9; -webkit-box-shadow:4px 4px  
4px 4px #1A29B9; box-shadow:4px 4px 4px  
4px #1A29B9 }
```

Background

The CSS property to change the background color of an element to Hex 1A29B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A29B9 }
```

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

```
.background{ background-color:#1A29B9 }
```

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