

Converting Colors

Hex(1DA509)

Have a look what the booklet for
Hex(1DA509) contains.

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Color

Hex(1DA509)

Conversions

Conversions Part 1

Format	Color
Hex	1DA509
RGB	29, 165, 9
RGB Percent	11%, 65%, 4%
CMY	0.8863, 0.3529, 0.9647
CMYK	0.82, 0.00, 0.95, 0.35
HSL	112°, 90%, 34%
HSV	112°, 95%, 65%
XYZ	14.0111, 27.1912, 4.7684
YIQ	106.5520, -30.9800, -77.3480

Conversions

Conversions Part 2

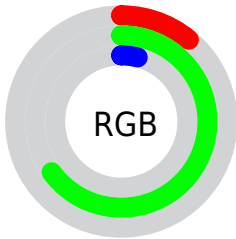
Format	Color
R_{YB}	9, 165, 145
Decimal	1942793
CIE _{Lab}	59.15, -59.80, 59.07
CIE _{LCh}	59, 84.057, 135.349
Yxy	27.1912, 0.3048, 0.5915
Android (android.graphics.Color)	4280132873 (0xFF1DA509)
YUV	106.5520, -48.0931, -68.0131
Hunter-Lab	52.1452, -43.2921, 31.0799

Details

The Hex color **1DA509** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9109A5**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **66DD4C**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **15A500**, and if you desaturate by 10%, it is **2BA519**.

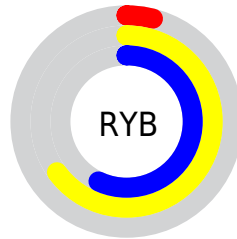
Distribution



Red (11%)

Green (65%)

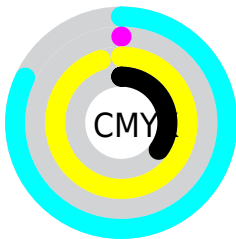
Blue (4%)



Red (4%)

Yellow (65%)

Blue (57%)

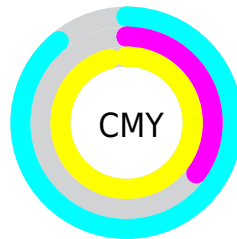


Cyan (82%)

Magenta (0%)

Yellow (95%)

Black (35%)



Cyan (89%)

Magenta (35%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DA509 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 1DA509 by changing the saturation by 10% instead.

 1DA509

 1DA509

FFFFFF

 008A00

 66DD4C

 006F00

 84FA67

 005600

 A2FF83

 003D00

 C0FF9E

 002600

 DEFFBB

 000000

 FDFFD7

 FFFFF5

 1DA509

 1DA509

■ 15A500

■ 2BA519

■ 3AA52A

■ 48A53A

■ 57A54B

■ 65A55B

■ 73A56C

■ 82A57C

■ 90A58D

■ 9EA59D

Harmonies

Analogous

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



899700



1DA509



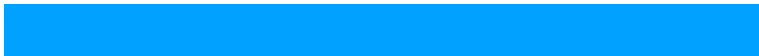
00AC66

Triad

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



1DA509



00A1FF



FF2E6C

Complementary

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



1DA509



9109A5

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.



FE38B6



1DA509



008BFF

Square

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



1DA509



00ACF7



BF66F7



F95823

Rectangle

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



1DA509



00AE9A



BF66F7



FF2885

Sweetspot

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



1DA509



A2D69A



A59009



4B6B47



EBEBEB



6B6B6B

Same Dimension

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



1DA509



1BD600



09A542



4A5249



139100



021200

Inverse Universe

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



9109A5



BB00D6



A5096C



514952



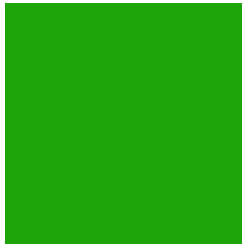
7F0091



100012

Previews

White Background



This preview shows how the Hex color 1DA509 looks on a white background.

Color Contrast Check

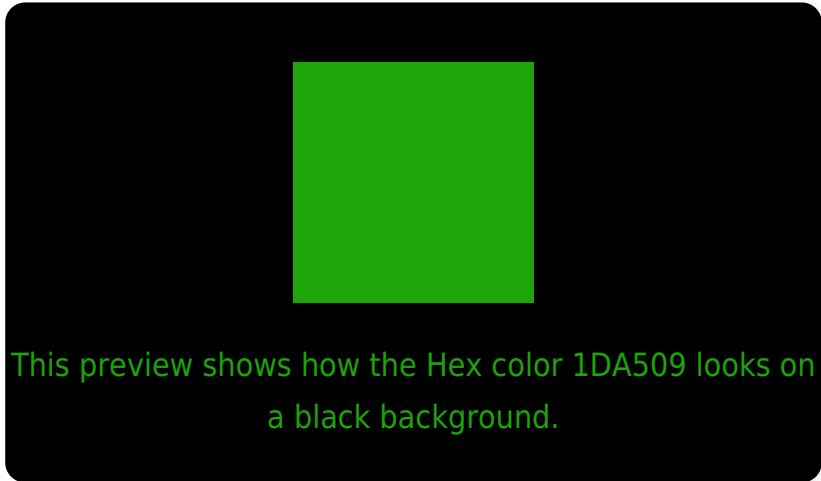
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 1DA509 Background



This preview shows how black text looks on a background with the Hex color 1DA509.



This preview shows how white text looks on a background with the Hex color 1DA509.

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
1DA509

Protanopia
9F8E00

Deuteranopia
B28624



Tritanopia
4A99A6

Trichromacy



Original Color
1DA509



Protanomaly
709603



Deuteranomaly
7C911A



Tritanomaly
3A9D6D

Monochromacy



Original Color
1DA509



Achromatopsia
6B6B6B



Achromatomaly
4F8047

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DA509 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 #1DA509 looks like.

```
.text, #text, p{  
    color:#1DA509  
}
```

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 #1DA509 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DA509
}
```

Border

The CSS property to change the border of an element to Hex 1DA509 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
#1DA509 }
```

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

```
.border{ border-color:#1DA509 }
```

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

Here you see how a box with a 4 pixel #1DA509 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DA509; -webkit-box-shadow:4px 4px  
4px 4px #1DA509; box-shadow:4px 4px 4px  
4px #1DA509 }
```

Background

The CSS property to change the background color of an element to Hex 1DA509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DA509 }
```

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

```
.background{ background-color:#1DA509 }
```

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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