

Converting Colors

Hex(2DA61C)

Have a look what the booklet for
Hex(2DA61C) contains.

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Color

Hex(2DA61C)

Conversions

Conversions Part 1

Format	Color
Hex	2DA61C
RGB	45, 166, 28
RGB Percent	18%, 65%, 11%
CMY	0.8235, 0.3490, 0.8902
CMYK	0.73, 0.00, 0.83, 0.35
HSL	113°, 71%, 38%
HSV	113°, 83%, 65%
XYZ	14.9280, 27.9142, 5.6998
YIQ	114.0890, -27.8180, -68.5700

Conversions

Conversions Part 2

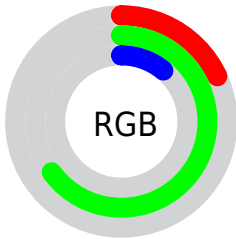
Format	Color
R_{YB}	28, 166, 149
Decimal	2991644
CIE _{Lab}	59.81, -57.00, 55.89
CIE _{LCh}	60, 79.833, 135.564
Y _{xy}	27.9142, 0.3075, 0.5751
Android (android.graphics.Color)	4281181724 (0xFF2DA61C)
YUV	114.0890, -42.4419, -60.5911
Hunter-Lab	52.8339, -42.0247, 30.5874

Details

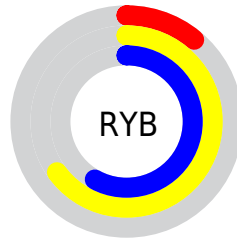
The Hex color **2DA61C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **951CA6**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6EDE56**, and **007100** is the 20% darker color. If you saturate the color by 10%, you get **1EA60B**, and if you desaturate by 10%, it is **3CA62D**.

Distribution



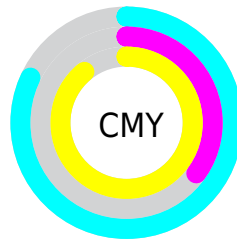
- Red (18%)
- Green (65%)
- Blue (11%)



- Red (11%)
- Yellow (65%)
- Blue (58%)



- Cyan (73%)
- Magenta (0%)
- Yellow (83%)
- Black (35%)



- Cyan (82%)
- Magenta (35%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DA61C 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 2DA61C by changing the saturation by 10% instead.

 2DA61C

 2DA61C

FFFFFF

 008B00

 6EDE56

 007100

 8CFB71

 005700

 A9FF8C

 003E00

 C7FFA7

 002700

 E5FFC4

 000000

 FFFF00

FFFFFFE

 2DA61C

 2DA61C

 1EA60B

 3CA62D

 14A600

 4AA63D

 59A64E

 67A65E

 76A66F

 84A680

 93A690

 A1A6A1

 B0A6B1

Harmonies

Analogous

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



8C9800



2DA61C



00AD6A

Triad

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



2DA61C



00A2FF



FF3D6F

Complementary

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



2DA61C



951CA6

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.



FB43B5



2DA61C



0C8CFF

Square

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



2DA61C



00ACF4



BF6AF4



F65E2B

Rectangle

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



2DA61C



00AF9C



BF6AF4



FF3986

Sweetspot

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



2DA61C



A9D9A3



A6941C



516E4D



EDEDED



6E6E6E

Same Dimension

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



2DA61C



1BD900



1CA64F



4D544C



129400



031400

Inverse Universe

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



951CA6



BE00D9



A61C73



534C54



820094



120014

Previews

White Background



This preview shows how the Hex color 2DA61C looks on a white background.

Color Contrast Check

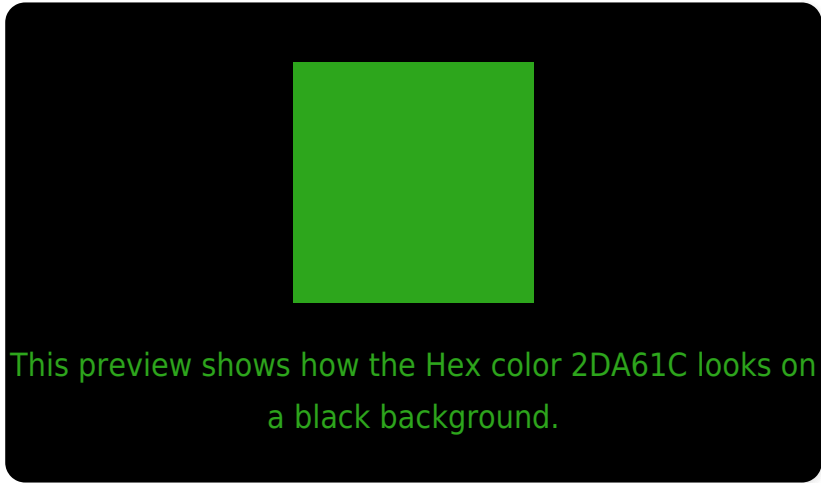
Large Text (above 18pt) WCAG AA ✓ Pass

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 2DA61C Background



This preview shows how black text looks on a background with the Hex color 2DA61C.



This preview shows how white text looks on a background with the Hex color 2DA61C.

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
2DA61C

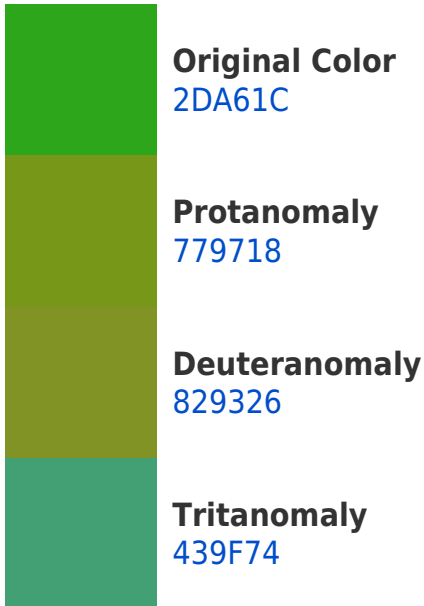
Protanopia
A18F16

Deuteranopia
B3882C



Tritanopia
509BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DA61C 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 #2DA61C looks like.

```
.text, #text, p{  
    color:#2DA61C  
}
```

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 #2DA61C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA61C
}
```

Border

The CSS property to change the border of an element to Hex 2DA61C 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
#2DA61C }
```

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

```
.border{ border-color:#2DA61C }
```

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

Here you see how a box with a 4 pixel #2DA61C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA61C; -webkit-box-shadow:4px 4px  
4px 4px #2DA61C; box-shadow:4px 4px 4px  
4px #2DA61C }
```

Background

The CSS property to change the background color of an element to Hex 2DA61C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA61C }
```

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

```
.background{ background-color:#2DA61C }
```

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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