

Converting Colors

Hex(2D9019)

Have a look what the booklet for
Hex(2D9019) contains.

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Color

Hex(2D9019)

Conversions

Conversions Part 1

Format	Color
Hex	2D9019
RGB	45, 144, 25
RGB Percent	18%, 56%, 10%
CMY	0.8235, 0.4353, 0.9020
CMYK	0.69, 0.00, 0.83, 0.44
HSL	110°, 70%, 33%
HSV	110°, 83%, 56%
XYZ	11.2309, 20.5746, 4.2991
YIQ	100.8330, -20.8050, -57.9970

Conversions

Conversions Part 2

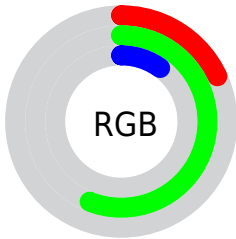
Format	Color
R_{YB}	25, 144, 124
Decimal	2986009
CIE _{Lab}	52.48, -49.82, 49.97
CIE _{LCh}	52, 70.560, 134.916
Y _{xy}	20.5746, 0.3111, 0.5699
Android (android.graphics.Color)	4281176089 (0xFF2D9019)
YUV	100.8330, -37.3857, -48.9655
Hunter-Lab	45.3592, -35.1822, 26.1321

Details

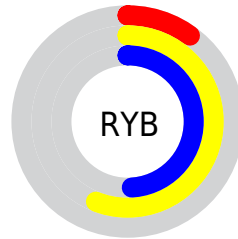
The Hex color **2D9019** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7C1990**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6AC750**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **21900B**, and if you desaturate by 10%, it is **399027**.

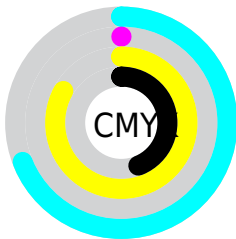
Distribution



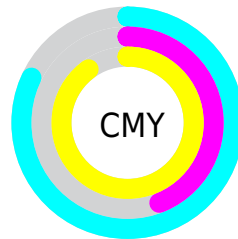
- Red (18%)
- Green (56%)
- Blue (10%)



- Red (10%)
- Yellow (56%)
- Blue (49%)



- Cyan (69%)
- Magenta (0%)
- Yellow (83%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9019 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 2D9019 by changing the saturation by 10% instead.



2D9019



2D9019

FFFFFF



007600



6AC750



005C00



86E36A



004400



A3FF85



002E00



C0FFA0



001000



D0FFBC



000000



FBFFD9



FFFFFF6



2D9019



2D9019

■ 21900B

■ 399027

■ 189000

■ 459036

■ 519044

■ 5D9053

■ 699061

■ 75906F

■ 81907E

■ 8D908C

■ 99909B

Harmonies

Analogous

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



7B8400



2D9019



00965B

Triad

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



2D9019



008DF3



E73762

Complementary

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



2D9019



7C1990

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.



D93D9E



2D9019



0B7AF4

Square

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



2D9019



0096D2



A45DD4



D65228

Rectangle

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



2D9019



009886



A45DD4



E63476

Sweetspot

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



2D9019



93BA8C



907A19



475E42



DEDEDE



5E5E5E

Same Dimension

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



2D9019



21BA02



19903F



414740



178700



010800

Inverse Universe

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



7C1990



9B02BA



90196A



464047



700087



060008

Previews

White Background



This preview shows how the Hex color 2D9019 looks on a white background.

Color Contrast Check

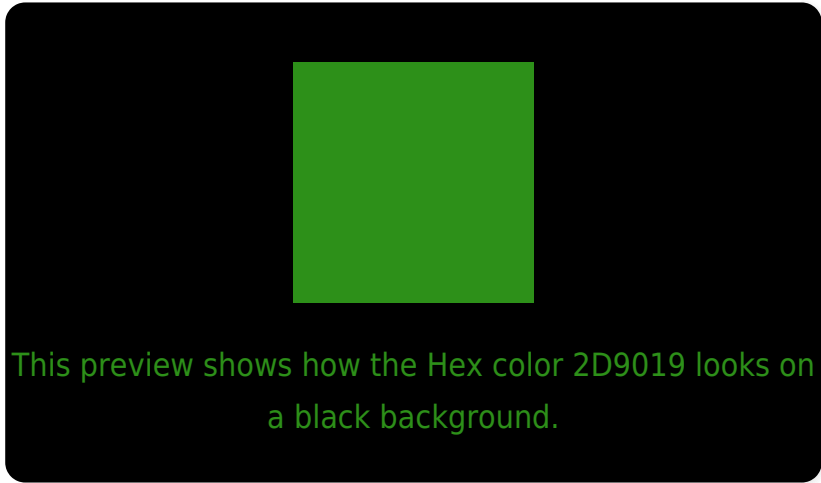
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D9019 Background



This preview shows how black text looks on a background with the Hex color 2D9019.



This preview shows how white text looks on a background with the Hex color 2D9019.

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
2D9019

Protanopia
8C7D14

Deuteranopia
9C7627



Tritanopia
498691

Trichromacy



Original Color
2D9019



Protanomaly
698416



Deuteranomaly
747F22



Tritanomaly
3F8A65

Monochromacy



Original Color
2D9019



Achromatopsia
656565



Achromatomaly
517549

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9019 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 #2D9019 looks like.

```
.text, #text, p{  
    color:#2D9019  
}
```

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 #2D9019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9019
}
```

Border

The CSS property to change the border of an element to Hex 2D9019 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
#2D9019 }
```

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

```
.border{ border-color:#2D9019 }
```

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

Here you see how a box with a 4 pixel #2D9019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9019; -webkit-box-shadow:4px 4px  
4px 4px #2D9019; box-shadow:4px 4px 4px  
4px #2D9019 }
```

Background

The CSS property to change the background color of an element to Hex 2D9019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9019 }
```

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

```
.background{ background-color:#2D9019 }
```

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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