

Converting Colors

Hex(2D9900)

Have a look what the booklet for
Hex(2D9900) contains.

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Color

Hex(2D9900)

Conversions

Conversions Part 1

Format	Color
Hex	2D9900
RGB	45, 153, 0
RGB Percent	18%, 60%, 0%
CMY	0.8235, 0.4000, 1.0000
CMYK	0.71, 0.00, 1.00, 0.40
HSL	102°, 100%, 30%
HSV	102°, 100%, 60%
XYZ	12.4734, 23.3404, 3.8477
YIQ	103.2660, -15.2550, -70.4790

Conversions

Conversions Part 2

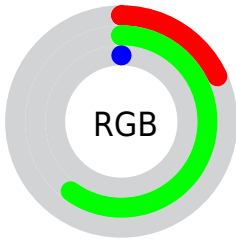
Format	Color
R_{YB}	0, 153, 108
Decimal	2988288
CIE _{Lab}	55.42, -53.76, 57.51
CIE _{LCh}	55, 78.724, 133.071
Yxy	23.3404, 0.3145, 0.5885
Android (android.graphics.Color)	4281178368 (0xFF2D9900)
YUV	103.2660, -50.9101, -51.0993
Hunter-Lab	48.3119, -38.4596, 29.0962

Details

The Hex color **2D9900** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6C0099**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6CD046**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **2D9900**, and if you desaturate by 10%, it is **38990F**.

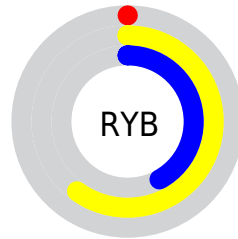
Distribution



Red (18%)

Green (60%)

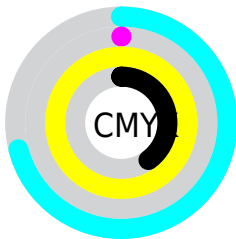
Blue (0%)



Red (0%)

Yellow (60%)

Blue (42%)

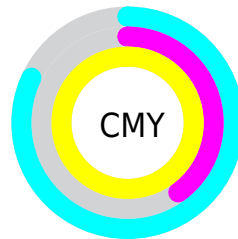


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (82%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9900 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 2D9900 by changing the saturation by 10% instead.

 2D9900

 2D9900

FFFFFF

 007E00

 6CD046

 006400

 89ED61

 004B00

 A7FF7C

 003400

 C4FF98

 001B00

 E2FFB4

 000000

 FFFFD0

 FFFFED

 2D9900

 38990F

 43991F

 4D992E

 58993D

 63994D

 6E995C

 79996B

 83997A

 8E998A

Harmonies

Analogous

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



858B00



2D9900



00A05A

Triad

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



2D9900



0097FF



FB2C6A

Complementary

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



2D9900



6C0099

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.



E939AE



2D9900



0083FF

Square

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



2D9900



00A0E1



AB62EA



EA5028

Rectangle

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



2D9900



00A28A



AB62EA



F92981

Sweetspot

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



2D9900



9DC78B



996B00



4A6340



E3E3E3



636363

Same Dimension

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



2D9900



3BC700



00991F



474D45



298C00



040D00

Inverse Universe

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



6C0099



8C00C7



99007A



4A454D



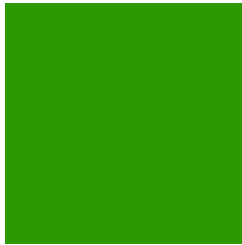
63008C



09000D

Previews

White Background



This preview shows how the Hex color 2D9900 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

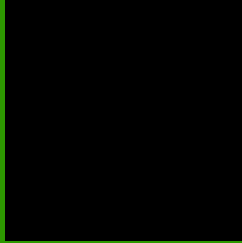
Any Text WCAG AA ✓ Pass

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 2D9900 Background



This preview shows how black text looks on a background with the Hex color 2D9900.

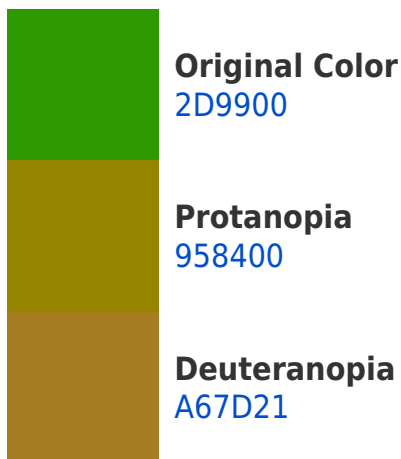


This preview shows how white text looks on a background with the Hex color 2D9900.

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





Tritanopia
4C8E9A

Trichromacy



Original Color
2D9900



Protanomaly
6F8C00



Deuteranomaly
7A8715



Tritanomaly
419262

Monochromacy



Original Color
2D9900



Achromatopsia
676767



Achromatomaly
527942

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9900 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 #2D9900 looks like.

```
.text, #text, p{  
    color:#2D9900  
}
```

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 #2D9900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9900
}
```

Border

The CSS property to change the border of an element to Hex 2D9900 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
#2D9900 }
```

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

```
.border{ border-color:#2D9900 }
```

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

Here you see how a box with a 4 pixel #2D9900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9900; -webkit-box-shadow:4px 4px  
4px 4px #2D9900; box-shadow:4px 4px 4px  
4px #2D9900 }
```

Background

The CSS property to change the background color of an element to Hex 2D9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9900 }
```

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

```
.background{ background-color:#2D9900 }
```

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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