

Converting Colors

Hex(29D600)

Have a look what the booklet for
Hex(29D600) contains.

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Color

Hex(29D600)

Conversions

Conversions Part 1

Format	Color
Hex	29D600
RGB	41, 214, 0
RGB Percent	16%, 84%, 0%
CMY	0.8392, 0.1608, 1.0000
CMYK	0.81, 0.00, 1.00, 0.16
HSL	109°, 100%, 42%
HSV	109°, 100%, 84%
XYZ	24.9610, 48.5646, 8.0583
YIQ	137.8770, -34.4140, -103.2300

Conversions

Conversions Part 2

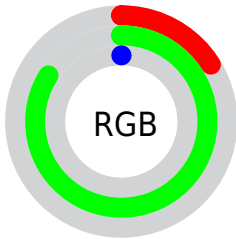
Format	Color
RYB	0, 214, 173
Decimal	2741760
CIELab	75.18, -72.82, 73.24
CIELCh	75, 103.280, 134.838
Yxy	48.5646, 0.3060, 0.5953
Android (android.graphics.Color)	4280931840 (0xFF29D600)
YUV	137.8770, -67.9734, -84.9611
Hunter-Lab	69.6883, -58.0192, 41.9259

Details

The Hex color **29D600** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **AD00D6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **78FF54**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **29D600**, and if you desaturate by 10%, it is **3AD615**.

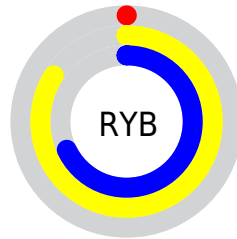
Distribution



Red (16%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (68%)

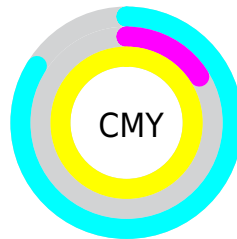


Cyan (81%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (84%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29D600 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 29D600 by changing the saturation by 10% instead.

 29D600

 29D600

FFFFFF

 00B900


 78FF54

 009E00

 98FF71

 008200

 B8FF8E

 006800

 D7FFAB

 004E00

 F7FFC8

 003600

 FFFFE6

 001B00

 000000

 29D600

 3AD615

 4CD62B

 5DD640

 6ED656

 7FD66B

 91D680

 A2D696

 B3D6AB

 C5D6C1

Harmonies

Analogous

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



B4C400



29D600



00DF84

Triad

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



29D600



00D2FF



FF3A8F

Complementary

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



29D600



AD00D6

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.



FF48EE



29D600



00B5FF

Square

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



29D600



00DFFF



F585FF



FF7231

Rectangle

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



29D600



00E2C7



F585FF



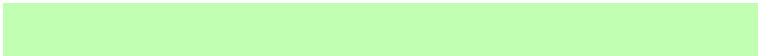
FF31AE

Sweetspot

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



29D600



C1FFB3



D6AB00



5A8052



000000



808080

Same Dimension

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



29D600



31FF00



00D640



626B60



21AB00



082B00

Inverse Universe

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



AD00D6



CE00FF



D60096



69606B



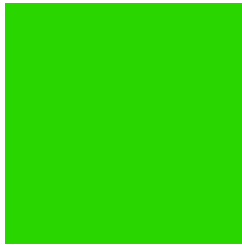
8A00AB



23002B

Previews

White Background



This preview shows how the Hex color 29D600 looks on a white background.

Color Contrast Check

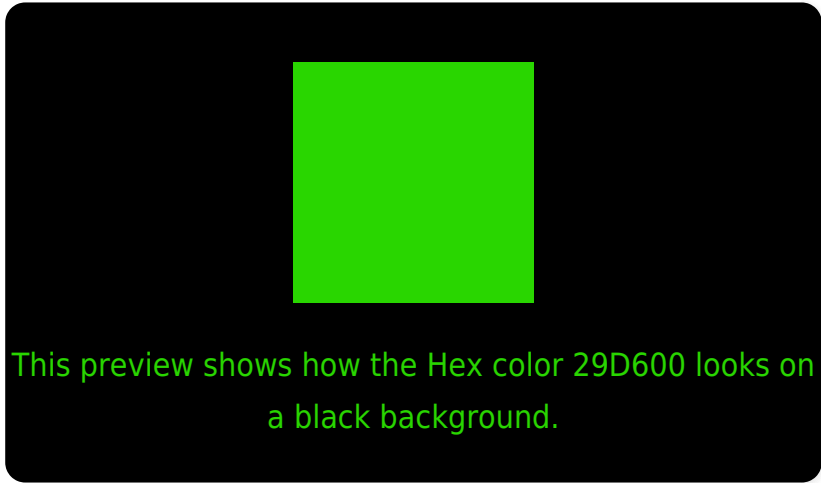
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 29D600 Background



This preview shows how black text looks on a background with the Hex color 29D600.

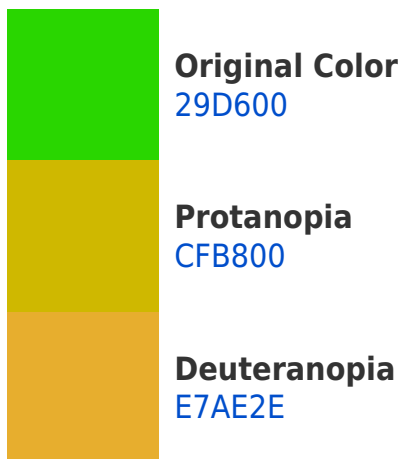


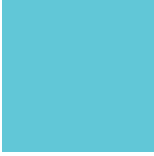
This preview shows how white text looks on a background with the Hex color 29D600.

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](#).

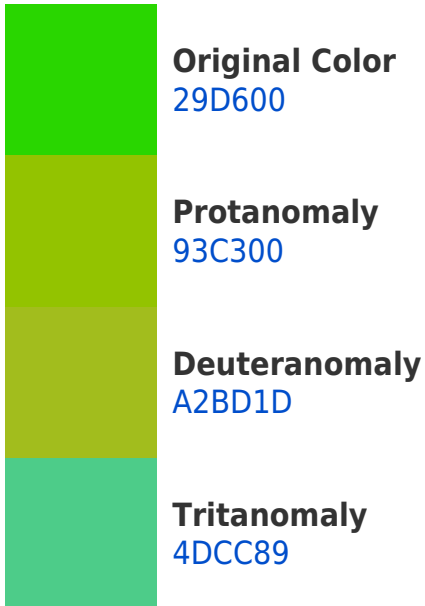
Dichromacy



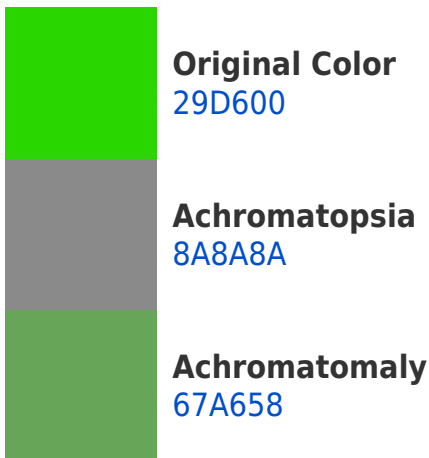


Tritanopia
61C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29D600 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 #29D600 looks like.

```
.text, #text, p{  
    color:#29D600  
}
```

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 #29D600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D600
}
```

Border

The CSS property to change the border of an element to Hex 29D600 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
#29D600 }
```

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

```
.border{ border-color:#29D600 }
```

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

Here you see how a box with a 4 pixel #29D600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D600; -webkit-box-shadow:4px 4px  
4px 4px #29D600; box-shadow:4px 4px 4px  
4px #29D600 }
```

Background

The CSS property to change the background color of an element to Hex 29D600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D600 }
```

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

```
.background{ background-color:#29D600 }
```

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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