

Converting Colors

Hex(29D204)

Have a look what the booklet for
Hex(29D204) contains.

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Color

Hex(29D204)

Conversions

Conversions Part 1

Format	Color
Hex	29D204
RGB	41, 210, 4
RGB Percent	16%, 82%, 2%
CMY	0.8392, 0.1765, 0.9843
CMYK	0.80, 0.00, 0.98, 0.18
HSL	109°, 96%, 42%
HSV	109°, 98%, 82%
XYZ	23.9830, 46.5734, 7.8404
YIQ	135.9850, -34.5980, -99.8940

Conversions

Conversions Part 2

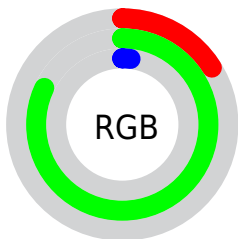
Format	Color
RYB	4, 210, 173
Decimal	2740740
CIELab	73.92, -71.61, 71.82
CIELCh	74, 101.425, 134.917
Yxy	46.5734, 0.3059, 0.5941
Android (android.graphics.Color)	4280930820 (0xFF29D204)
YUV	135.9850, -65.0686, -83.3018
Hunter-Lab	68.2447, -56.6986, 40.9597

Details

The Hex color **29D204** 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 **AD04D2**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **77FF54**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **26D200**, and if you desaturate by 10%, it is **3AD219**.

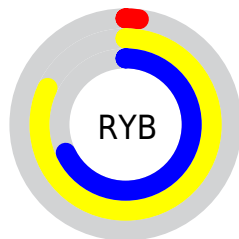
Distribution



Red (16%)

Green (82%)

Blue (2%)



Red (2%)

Yellow (82%)

Blue (68%)

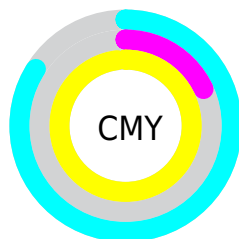


Cyan (80%)

Magenta (0%)

Yellow (98%)

Black (18%)



Cyan (84%)

Magenta (18%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29D204 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 29D204 by changing the saturation by 10% instead.

 29D204

 29D204

FFFFFF

 00B600

 77FF54

 009A00

 97FF71

 007F00

 B7FF8E

 006400

 D6FFAB

 004A00

 F5FFC8

 003200

 FFFFE5

 001600

 000000

 29D204

 29D204

 26D200

 3AD219

 4BD22E

 5DD243

 6ED258

 7FD26D

 90D282

 A2D297

 B3D2AC

 C4D2C1

Harmonies

Analogous

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



B0C000



29D204



00DB82

Triad

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



29D204



00CEFF



FF3A8C

Complementary

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



29D204



AD04D2

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.



FF48E9



29D204



00B2FF

Square

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



29D204



00DBFF



F183FF



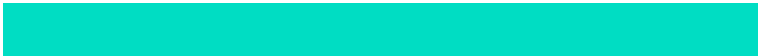
FF7030

Rectangle

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



29D204



00DDC3



F183FF



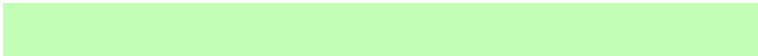
FF32AB

Sweetspot

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



29D204



C2FFB5



D2AC04



5B8053



000000



808080

Same Dimension

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



29D204



2EFF00



04D245



60695E



1EA800



072900

Inverse Universe

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



AD04D2



D100FF



D20491



675E69



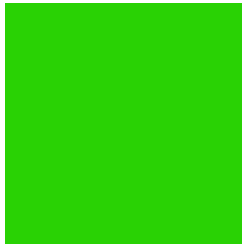
8A00A8



210029

Previews

White Background



This preview shows how the Hex color 29D204 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



This preview shows how the Hex color 29D204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

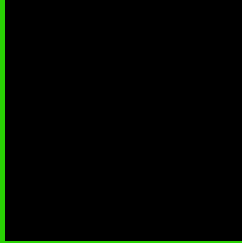
Any Text WCAG AA ✓ Pass

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 29D204 Background



This preview shows how black text looks on a background with the Hex color 29D204.

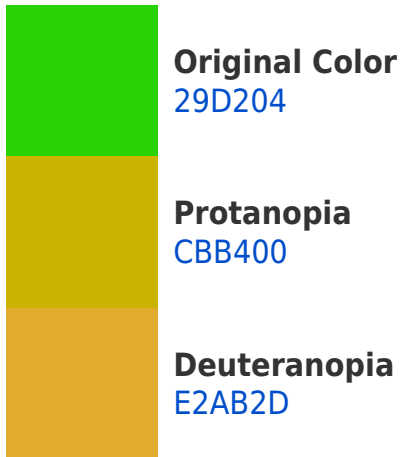


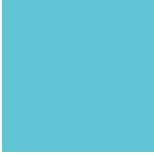
This preview shows how white text looks on a background with the Hex color 29D204.

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](#).

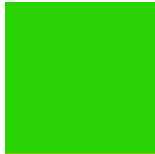
Dichromacy





Tritanopia
5FC3D3

Trichromacy



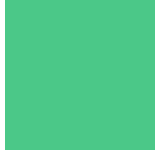
Original Color
29D204



Protanomaly
90BF01



Deuteranomaly
9FB91E



Tritanomaly
4BC888

Monochromacy



Original Color
29D204



Achromatopsia
888888



Achromatomaly
65A358

CSS Examples

Text

The CSS property to change the color of the text to Hex 29D204 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 #29D204 looks like.

```
.text, #text, p{  
    color:#29D204  
}
```

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 #29D204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D204
}
```

Border

The CSS property to change the border of an element to Hex 29D204 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
#29D204 }
```

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

```
.border{ border-color:#29D204 }
```

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

Here you see how a box with a 4 pixel #29D204 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D204; -webkit-box-shadow:4px 4px  
4px 4px #29D204; box-shadow:4px 4px 4px  
4px #29D204 }
```

Background

The CSS property to change the background color of an element to Hex 29D204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D204 }
```

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

```
.background{ background-color:#29D204 }
```

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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