

Converting Colors

Hex(29DC5B)

Have a look what the booklet for
Hex(29DC5B) contains.

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Color

Hex(29DC5B)

Conversions

Conversions Part 1

Format	Color
Hex	29DC5B
RGB	41, 220, 91
RGB Percent	16%, 86%, 36%
CMY	0.8392, 0.1373, 0.6431
CMYK	0.81, 0.00, 0.59, 0.14
HSL	137°, 72%, 51%
HSV	137°, 81%, 86%
XYZ	28.3960, 52.4131, 18.5177
YIQ	151.7730, -65.2750, -78.0670

Conversions

Conversions Part 2

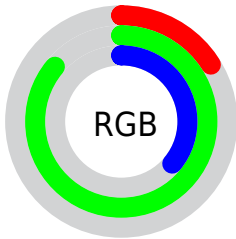
Format	Color
RYB	41, 181, 220
Decimal	2743387
CIELab	77.53, -68.88, 50.45
CIELCh	78, 85.378, 143.782
Yxy	52.4131, 0.2859, 0.5277
Android (android.graphics.Color)	4280933467 (0xFF29DC5B)
YUV	151.7730, -29.9611, -97.1479
Hunter-Lab	72.3969, -56.6822, 35.5127

Details

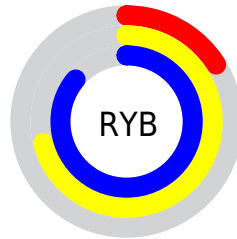
The Hex color **29DC5B** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DC29AA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **76FF91**, and **00A325** is the 20% darker color. If you saturate the color by 10%, you get **13DC4B**, and if you desaturate by 10%, it is **3FDC6B**.

Distribution



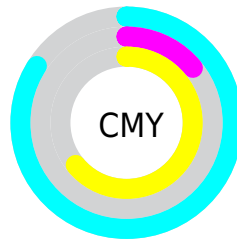
- Red (16%)
- Green (86%)
- Blue (36%)



- Red (16%)
- Yellow (71%)
- Blue (86%)



- Cyan (81%)
- Magenta (0%)
- Yellow (59%)
- Black (14%)



- Cyan (84%)
- Magenta (14%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29DC5B 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 29DC5B by changing the saturation by 10% instead.

 29DC5B

 29DC5B

FFFFFF

 00BF41

 76FF91

 00A325

 96FFAC

 008800

 B6FFC8

 006D00

 D5FFE5

 005300

 F4FFFF

 003B00

 002200

 000000

 29DC5B

 29DC5B

 13DC4B

 3FDC6B

 00DC3D

 55DC7B

 6BDC8B

 81DC9A

 97DCAA

 ADDCBA

 C3DCCA

 D9DCDA

 EFDCEA

Harmonies

Analogous

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



A8CE00



29DC5B



00E3AC

Triad

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



29DC5B



00CEFF



FF7485

Complementary

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



29DC5B



DC29AA

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.



FF6ED4



29DC5B



9BB2FF

Square

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



29DC5B



00DEFF



FF8CFF



FF953D

Rectangle

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



29DC5B



00E4E3



FF8CFF



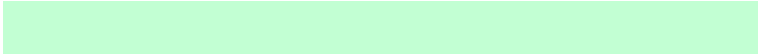
FF6D9E

Sweetspot

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



29DC5B



C2FFD3



ACDC29



5B8065



000000



808080

Same Dimension

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



29DC5B



05FF4B



29DCB2



636E66



00AD30



002E0D

Inverse Universe

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



DC29AA



FF05B9



DC2953



6E636B



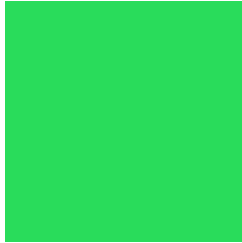
AD007D



2E0021

Previews

White Background



This preview shows how the Hex color 29DC5B 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 29DC5B 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 29DC5B Background



This preview shows how black text looks on a background with the Hex color 29DC5B.

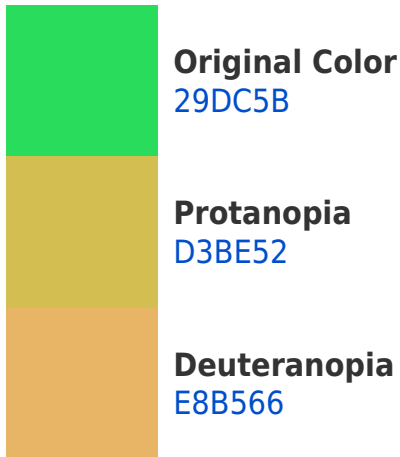


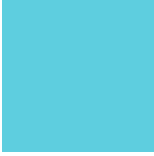
This preview shows how white text looks on a background with the Hex color 29DC5B.

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





Trichromacy



Original Color
29DC5B



Protanomaly
95C955



Deuteranomaly
A3C362



Tritanomaly
4BD3AF

Monochromacy



Original Color
29DC5B



Achromatopsia
989898



Achromatomaly
70B182

CSS Examples

Text

The CSS property to change the color of the text to Hex 29DC5B 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 #29DC5B looks like.

```
.text, #text, p{  
    color:#29DC5B  
}
```

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 #29DC5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29DC5B
}
```

Border

The CSS property to change the border of an element to Hex 29DC5B 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
#29DC5B }
```

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

```
.border{ border-color:#29DC5B }
```

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

Here you see how a box with a 4 pixel #29DC5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29DC5B; -webkit-box-shadow:4px 4px  
4px 4px #29DC5B; box-shadow:4px 4px 4px  
4px #29DC5B }
```

Background

The CSS property to change the background color of an element to Hex 29DC5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29DC5B }
```

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

```
.background{ background-color:#29DC5B }
```

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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