

Converting Colors

Hex(29B941)

Have a look what the booklet for
Hex(29B941) contains.

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Color

Hex(29B941)

Conversions

Conversions Part 1

Format	Color
Hex	29B941
RGB	41, 185, 65
RGB Percent	16%, 73%, 25%
CMY	0.8392, 0.2745, 0.7451
CMYK	0.78, 0.00, 0.65, 0.27
HSL	130°, 64%, 44%
HSV	130°, 78%, 73%
XYZ	19.2175, 35.5510, 10.8502
YIQ	128.2640, -47.3040, -67.8480

Conversions

Conversions Part 2

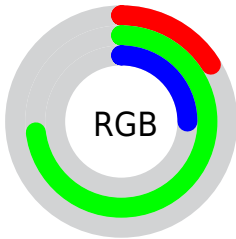
Format	Color
RYB	41, 164, 185
Decimal	2734401
CIELab	66.18, -60.74, 48.96
CIELCh	66, 78.014, 141.130
Yxy	35.5510, 0.2929, 0.5418
Android (android.graphics.Color)	4280924481 (0xFF29B941)
YUV	128.2640, -31.1892, -76.5305
Hunter-Lab	59.6247, -46.8110, 30.9480

Details

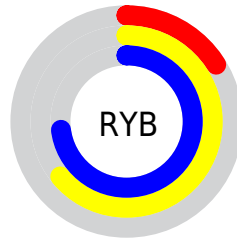
The Hex color **29B941** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B929A1**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6FF276**, and **008203** is the 20% darker color. If you saturate the color by 10%, you get **16B932**, and if you desaturate by 10%, it is **3CB950**.

Distribution



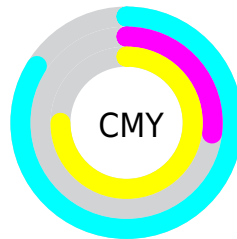
- Red (16%)
- Green (73%)
- Blue (25%)



- Red (16%)
- Yellow (64%)
- Blue (73%)



- Cyan (78%)
- Magenta (0%)
- Yellow (65%)
- Black (27%)



- Cyan (84%)
- Magenta (27%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29B941 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 29B941 by changing the saturation by 10% instead.

 29B941

 29B941

FFFFFF

 009D26

 6FF276

 008203

 8DFF91

 006800

 ABFFAC

 004E00

 C9FFC8

 003700

 E8FFE5

 001E00

 000000

 29B941

 29B941

 16B932

 3CB950

 04B922

 4EB960

 00B91F

 61B96F

 73B97F

 85B98E

 98B99D

 ABB9AD

 BDB9BC

 D0B9CC

Harmonies

Analogous

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



92AC00



29B941



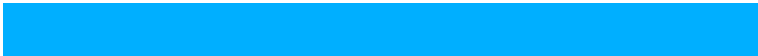
00BF89

Triad

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



29B941



00AFFF



FF5A73

Complementary

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



29B941



B929A1

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.



FF57B9



29B941



7097FF

Square

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



29B941



00BCFF



E076FA



FF7832

Rectangle

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



29B941



00C1BA



E076FA



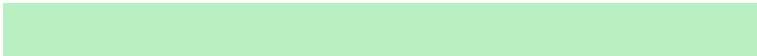
FF548A

Sweetspot

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



29B941



B9F0C2



A1B929



56785C



F7F7F7



787878

Same Dimension

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



29B941



11F036



29B989



535C54



009C1A



001C05

Inverse Universe

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



B929A1



F011CB



B92959



5C535A



9C0082



1C0017

Previews

White Background



This preview shows how the Hex color 29B941 looks on a white background.

Color Contrast Check

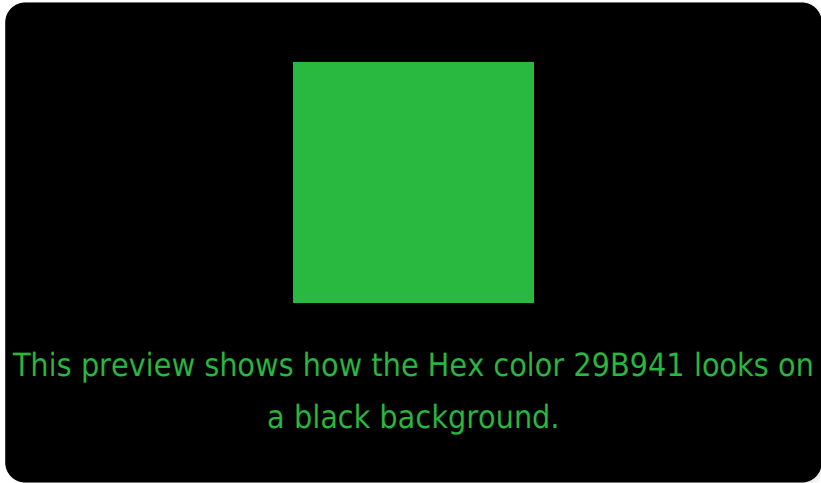
Large Text (above 18pt) WCAG AA × Fail

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 29B941 Background



This preview shows how black text looks on a background with the Hex color 29B941.

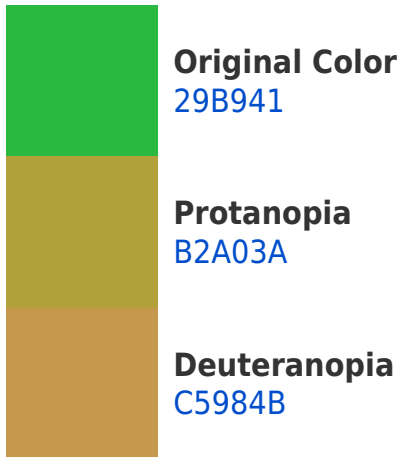


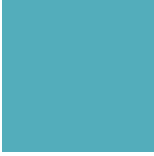
This preview shows how white text looks on a background with the Hex color 29B941.

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
53ADBB

Trichromacy



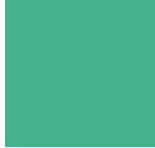
Original Color
29B941



Protanomaly
80A93D



Deuteranomaly
8CA447



Tritanomaly
44B18F

Monochromacy



Original Color
29B941



Achromatopsia
808080



Achromatomaly
609569

CSS Examples

Text

The CSS property to change the color of the text to Hex 29B941 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 #29B941 looks like.

```
.text, #text, p{  
    color:#29B941  
}
```

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 #29B941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29B941
}
```

Border

The CSS property to change the border of an element to Hex 29B941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

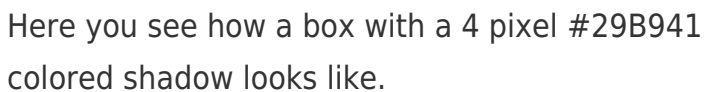
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29B941 }
```

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

```
.border{ border-color:#29B941 }
```

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



Here you see how a box with a 4 pixel #29B941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29B941; -webkit-box-shadow:4px 4px  
4px 4px #29B941; box-shadow:4px 4px 4px  
4px #29B941 }
```

Background

The CSS property to change the background color of an element to Hex 29B941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29B941 }
```

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

```
.background{ background-color:#29B941 }
```

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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