

Converting Colors

Hex(2D9647)

Have a look what the booklet for
Hex(2D9647) contains.

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Color

Hex(2D9647)

Conversions

Conversions Part 1

Format	Color
Hex	2D9647
RGB	45, 150, 71
RGB Percent	18%, 59%, 28%
CMY	0.8235, 0.4118, 0.7216
CMYK	0.70, 0.00, 0.53, 0.41
HSL	135°, 54%, 38%
HSV	135°, 70%, 59%
XYZ	13.1259, 22.8255, 9.6752
YIQ	109.5990, -37.2210, -46.8290

Conversions

Conversions Part 2

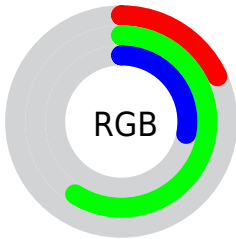
Format	Color
RYB	45, 129, 150
Decimal	2987591
CIELab	54.89, -47.13, 32.98
CIElCh	55, 57.520, 145.014
Yxy	22.8255, 0.2877, 0.5003
Android (android.graphics.Color)	4281177671 (0xFF2D9647)
YUV	109.5990, -19.0293, -56.6533
Hunter-Lab	47.7761, -34.5675, 21.4363

Details

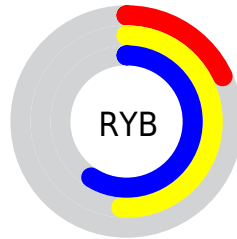
The Hex color **2D9647** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **962D7C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **69CD79**, and **006217** is the 20% darker color. If you saturate the color by 10%, you get **1E963C**, and if you desaturate by 10%, it is **3C9652**.

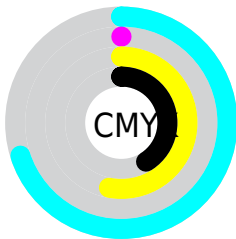
Distribution



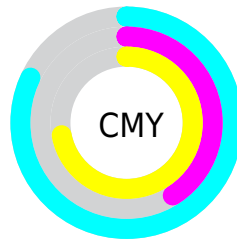
- Red (18%)
- Green (59%)
- Blue (28%)



- Red (18%)
- Yellow (51%)
- Blue (59%)



- Cyan (70%)
- Magenta (0%)
- Yellow (53%)
- Black (41%)



- Cyan (82%)
- Magenta (41%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9647 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 2D9647 by changing the saturation by 10% instead.



2D9647



2D9647

FFFFFF



007C2F



69CD79



006217



85EA93



004900



A2FFAE



003200



BEFFCA



001A00



DCFFE6



000000



F9FFFF



2D9647



2D9647



1E963C



3C9652

■ 0F9630

■ 4B965E

■ 009625

■ 5A9669

■ 699674

■ 78967F

■ 87968B

■ 969696

■ A596A1

■ B496AD

Harmonies

Analogous

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



748D1D



2D9647



009A79

Triad

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



2D9647



008CE7



DC575C

Complementary

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



2D9647



962D7C

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.



D8548E



2D9647



747ADE

Square

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



2D9647



0096D4



B863BD



C86A31

Rectangle

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



2D9647



009B9C



B863BD



DD546C

Sweetspot

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



2D9647



99C2A3



7E962D



49614F



E0E0E0



616161

Same Dimension

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



2D9647



1FC247



2D967A



434A44



008A22



000A03

Inverse Universe

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



962D7C



C21F99



962D49



4A4348



8A0068



0A0008

Previews

White Background



This preview shows how the Hex color 2D9647 looks on a white background.

Color Contrast Check

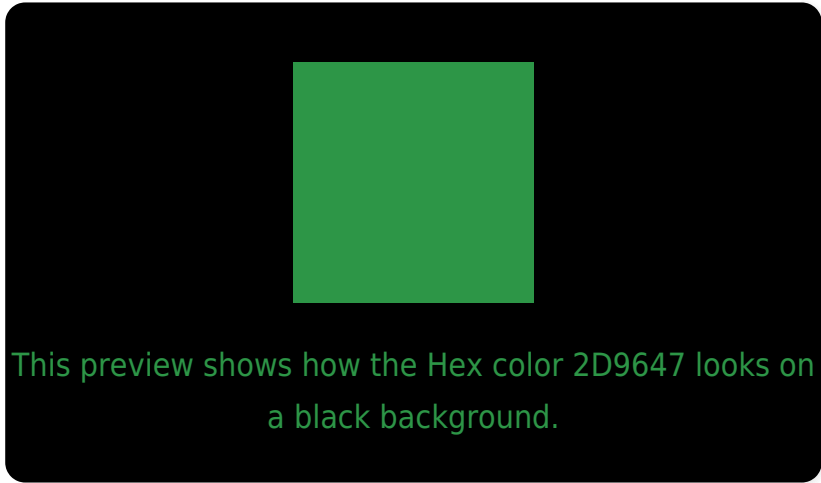
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D9647 Background



This preview shows how black text looks on a background with the Hex color 2D9647.



This preview shows how white text looks on a background with the Hex color 2D9647.

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



Original Color
2D9647

Protanopia
908341

Deuteranopia
9E7D4E



Tritanopia
478D99

Trichromacy



Original Color
2D9647



Protanomaly
6C8A43



Deuteranomaly
75864B



Tritanomaly
3E907B

Monochromacy



Original Color
2D9647



Achromatopsia
6E6E6E



Achromatomaly
567D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9647 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 #2D9647 looks like.

```
.text, #text, p{  
    color:#2D9647  
}
```

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 #2D9647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9647
}
```

Border

The CSS property to change the border of an element to Hex 2D9647 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
#2D9647 }
```

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

```
.border{ border-color:#2D9647 }
```

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

Here you see how a box with a 4 pixel #2D9647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9647; -webkit-box-shadow:4px 4px  
4px 4px #2D9647; box-shadow:4px 4px 4px  
4px #2D9647 }
```

Background

The CSS property to change the background color of an element to Hex 2D9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9647 }
```

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

```
.background{ background-color:#2D9647 }
```

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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