

Converting Colors

Hex(2DAF5D)

Have a look what the booklet for
Hex(2DAF5D) contains.

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Color

Hex(2DAF5D)

Conversions

Conversions Part 1

Format	Color
Hex	2DAF5D
RGB	45, 175, 93
RGB Percent	18%, 69%, 36%
CMY	0.8235, 0.3137, 0.6353
CMYK	0.74, 0.00, 0.47, 0.31
HSL	142°, 59%, 43%
HSV	142°, 74%, 69%
XYZ	18.3879, 32.0081, 15.5650
YIQ	126.7820, -51.1580, -53.0620

Conversions

Conversions Part 2

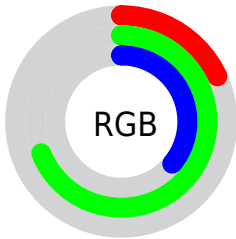
Format	Color
RYB	45, 140, 175
Decimal	2994013
CIELab	63.35, -52.84, 32.24
CIElCh	63, 61.900, 148.617
Yxy	32.0081, 0.2788, 0.4853
Android (android.graphics.Color)	4281184093 (0xFF2DAF5D)
YUV	126.7820, -16.6545, -71.7228
Hunter-Lab	56.5757, -40.9924, 23.2913

Details

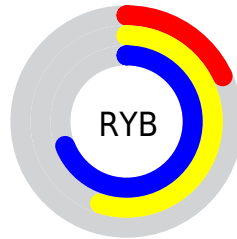
The Hex color **2DAF5D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AF2D7F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6EE891**, and **00792D** is the 20% darker color. If you saturate the color by 10%, you get **1CAF52**, and if you desaturate by 10%, it is **3FAF68**.

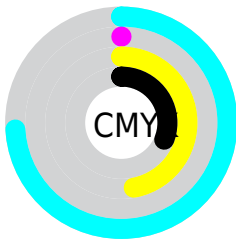
Distribution



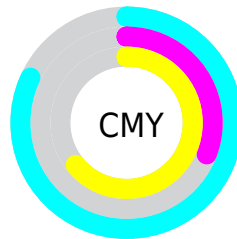
- Red (18%)
- Green (69%)
- Blue (36%)



- Red (18%)
- Yellow (55%)
- Blue (69%)



- Cyan (74%)
- Magenta (0%)
- Yellow (47%)
- Black (31%)



- Cyan (82%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DAF5D 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 2DAF5D by changing the saturation by 10% instead.

 2DAF5D

 2DAF5D

FFFFFF

 009444

 6EE891

 00792D

 8BFFAB

 005F15

 A9FFC7

 004600

 C6FFE3

 003000

 E4FFFF

 001400

 000000

 2DAF5D

 2DAF5D

 1CAF52

 3FAF68

0AAF47

50AF73

00AF41

62AF7E

73AF89

85AF94

96AF9F

A8AFAA

B9AFB5

CBAFC0

Harmonies

Analogous

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



81A62F



2DAF5D



00B395

Triad

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



2DAF5D



00A0FF



FA6C68

Complementary

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



2DAF5D



AF2D7F

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.



FA659E



2DAF5D



958CFB

Square

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



2DAF5D



00ADF7



D974D4



E2803A

Rectangle

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



2DAF5D



00B4BB



D974D4



FD6779

Sweetspot

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



2DAF5D



B1E3C3



7FAF2D



557360



F2F2F2



737373

Same Dimension

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



2DAF5D



19E364



2DAF9E



4E5751



009638



001708

Inverse Universe

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



AF2D7F



E31998



AF2D3E



574E53



96005F



17000E

Previews

White Background



This preview shows how the Hex color 2DAF5D looks on a white background.

Color Contrast Check

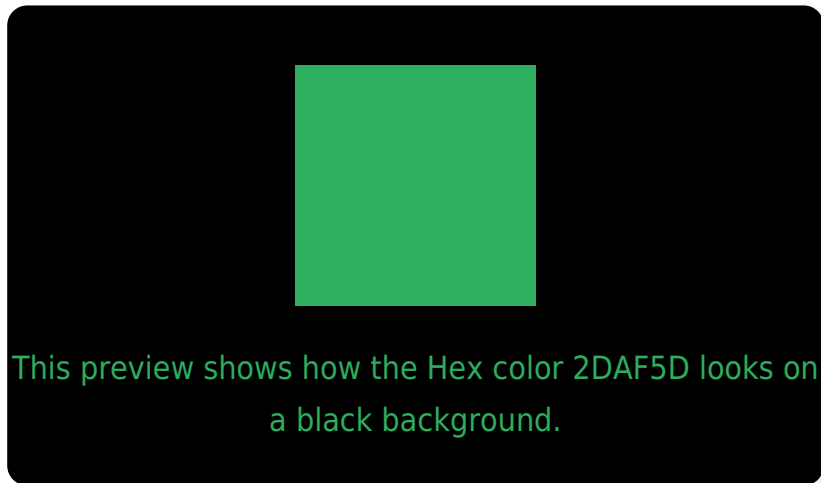
Large Text (above 18pt) WCAG AA × Fail

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 2DAF5D Background



This preview shows how black text looks on a background with the Hex color 2DAF5D.



This preview shows how white text looks on a background with the Hex color 2DAF5D.

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
2DAF5D

Protanopia
A79855

Deuteranopia
B79164



Tritanopia
4EA5B3

Trichromacy



Original Color
2DAF5D



Protanomaly
7BA058



Deuteranomaly
859C61



Tritanomaly
42A994

Monochromacy



Original Color
2DAF5D



Achromatopsia
7F7F7F



Achromatomaly
619073

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DAF5D 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 #2DAF5D looks like.

```
.text, #text, p{  
    color:#2DAF5D  
}
```

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 #2DAF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DAF5D
}
```

Border

The CSS property to change the border of an element to Hex 2DAF5D 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
#2DAF5D }
```

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

```
.border{ border-color:#2DAF5D }
```

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

Here you see how a box with a 4 pixel #2DAF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DAF5D; -webkit-box-shadow:4px 4px  
4px 4px #2DAF5D; box-shadow:4px 4px 4px  
4px #2DAF5D }
```

Background

The CSS property to change the background color of an element to Hex 2DAF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DAF5D }
```

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

```
.background{ background-color:#2DAF5D }
```

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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