

Converting Colors

Hex(2DA252)

Have a look what the booklet for
Hex(2DA252) contains.

Hex(2DA252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2DA252)

Conversions

Conversions Part 1

Format	Color
Hex	2DA252
RGB	45, 162, 82
RGB Percent	18%, 64%, 32%
CMY	0.8235, 0.3647, 0.6784
CMYK	0.72, 0.00, 0.49, 0.36
HSL	139°, 57%, 41%
HSV	139°, 72%, 64%
XYZ	15.5255, 27.0077, 12.3774
YIQ	117.8970, -44.0520, -49.6840

Conversions

Conversions Part 2

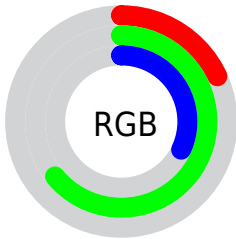
Format	Color
RYB	45, 134, 162
Decimal	2990674
CIELab	58.98, -49.88, 32.39
CIElCh	59, 59.472, 146.996
Yxy	27.0077, 0.2827, 0.4918
Android (android.graphics.Color)	4281180754 (0xFF2DA252)
YUV	117.8970, -17.6972, -63.9307
Hunter-Lab	51.9690, -37.6196, 22.2573

Details

The Hex color **2DA252** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A22D7D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6BDA85**, and **006D22** is the 20% darker color. If you saturate the color by 10%, you get **1DA247**, and if you desaturate by 10%, it is **3DA25D**.

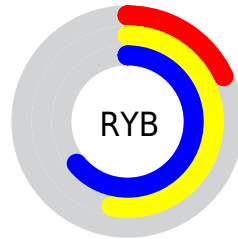
Distribution



Red (18%)

Green (64%)

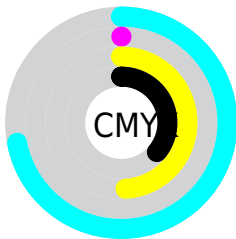
Blue (32%)



Red (18%)

Yellow (53%)

Blue (64%)

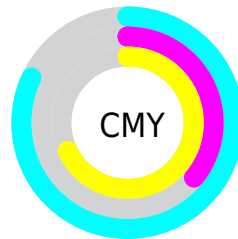


Cyan (72%)

Magenta (0%)

Yellow (49%)

Black (36%)



Cyan (82%)

Magenta (36%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DA252 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 2DA252 by changing the saturation by 10% instead.



2DA252



2DA252

FFFFFF



00873A



6BDA85



006D22



88F79F



005409



A5FFBB



003B00



C2FFD7



002500



DFFFF3



000000

FDFFFF



2DA252



2DA252



1DA247



3DA25D

0DA23C

4DA268

00A233

5EA273

6EA27E

7EA289

8EA294

9EA2A0

AFA2AB

BFA2B6

Harmonies

Analogous

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



7A9926



2DA252



00A687

Triad

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



2DA252



0096F6



EA6162

Complementary

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



2DA252



A22D7D

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.



E85C95



2DA252



8482EB

Square

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



2DA252



00A1E5



C86BC8



D47535

Rectangle

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



2DA252



00A7AB



C86BC8



EC5D72

Sweetspot

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



2DA252



A5D4B4



7FA22D



4F6B58



EBEBEB



6B6B6B

Same Dimension

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



2DA252



1CD456



2DA28B



49524C



00912E



001206

Inverse Universe

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



A22D7D



D41C99



A22D44



52494F



910063



12000C

Previews

White Background



This preview shows how the Hex color 2DA252 looks on a white background.

Color Contrast Check

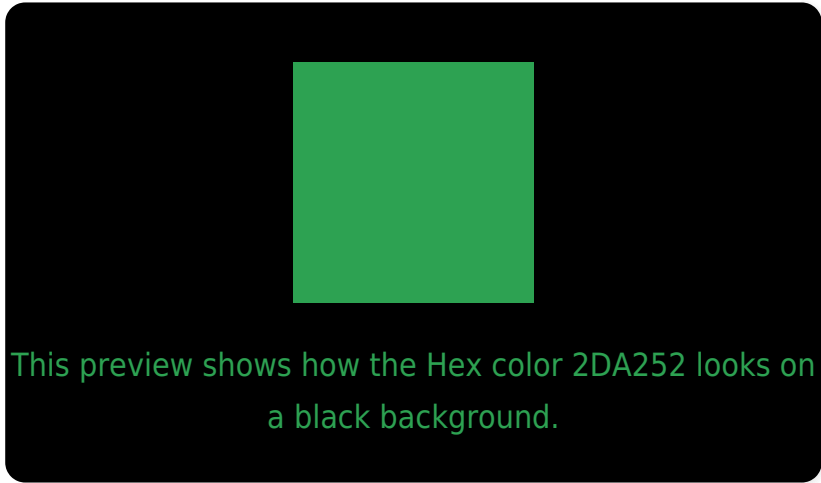
Large Text (above 18pt) WCAG AA ✓ Pass

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

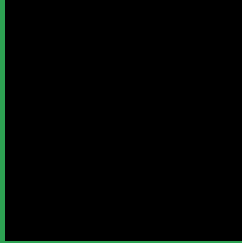
Any Text WCAG AA ✓ Pass

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 2DA252 Background



This preview shows how black text looks on a background with the Hex color 2DA252.

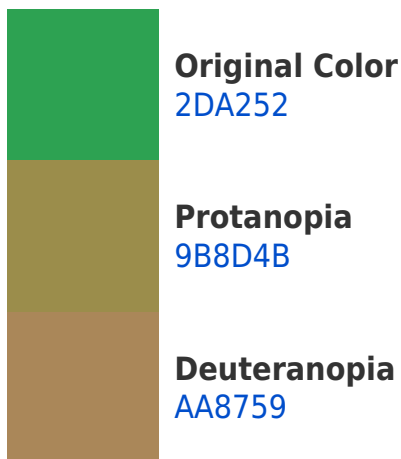


This preview shows how white text looks on a background with the Hex color 2DA252.

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
4A99A5

Trichromacy



Original Color
2DA252



Protanomaly
73954E



Deuteranomaly
7D9156



Tritanomaly
3F9C87

Monochromacy



Original Color
2DA252



Achromatopsia
767676



Achromatomaly
5B8669

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DA252 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 #2DA252 looks like.

```
.text, #text, p{  
    color:#2DA252  
}
```

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 #2DA252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA252
}
```

Border

The CSS property to change the border of an element to Hex 2DA252 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
#2DA252 }
```

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

```
.border{ border-color:#2DA252 }
```

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

Here you see how a box with a 4 pixel #2DA252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA252; -webkit-box-shadow:4px 4px  
4px 4px #2DA252; box-shadow:4px 4px 4px  
4px #2DA252 }
```

Background

The CSS property to change the background color of an element to Hex 2DA252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA252 }
```

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

```
.background{ background-color:#2DA252 }
```

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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