

Converting Colors

Hex(2DA570)

Have a look what the booklet for
Hex(2DA570) contains.

Hex(2DA570)	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(2DA570)

Conversions

Conversions Part 1

Format	Color
Hex	2DA570
RGB	45, 165, 112
RGB Percent	18%, 65%, 44%
CMY	0.8235, 0.3529, 0.5608
CMYK	0.73, 0.00, 0.32, 0.35
HSL	154°, 57%, 41%
HSV	154°, 73%, 65%
XYZ	17.4620, 28.6380, 19.9366
YIQ	123.0780, -54.5070, -41.9230

Conversions

Conversions Part 2

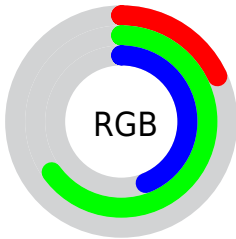
Format	Color
RYB	45, 122, 165
Decimal	2991472
CIELab	60.46, -45.33, 18.26
CIELCh	60, 48.870, 158.060
Yxy	28.6380, 0.2644, 0.4337
Android (android.graphics.Color)	4281181552 (0xFF2DA570)
YUV	123.0780, -5.4615, -68.4744
Hunter-Lab	53.5145, -35.4052, 15.3719

Details

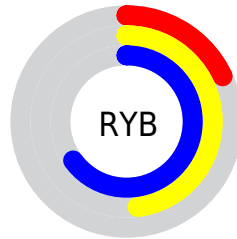
The Hex color **2DA570** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A52D62**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6CDDA4**, and **007040** is the 20% darker color. If you saturate the color by 10%, you get **1DA569**, and if you desaturate by 10%, it is **3EA577**.

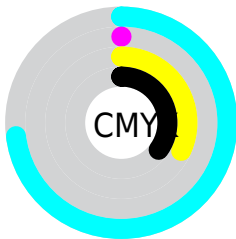
Distribution



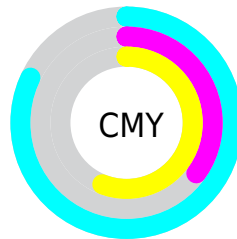
- Red (18%)
- Green (65%)
- Blue (44%)



- Red (18%)
- Yellow (48%)
- Blue (65%)



- Cyan (73%)
- Magenta (0%)
- Yellow (32%)
- Black (35%)



- Cyan (82%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DA570 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 2DA570 by changing the saturation by 10% instead.

 2DA570

 2DA570

FFFFFF

 008A57

 6CDDA4

 007040

 88FABF

 005729

 A5FFDB

 003E14

 C3FFF8

 002900

 E0FFFF

 000300

FEFFFF

 000000

 2DA570

 2DA570

 1DA569

 3EA577

0CA561

4EA57F

00A55C

5EA586

6FA58D

80A594

90A59C

A1A5A3

B1A5AA

C2A5B2

Harmonies

Analogous

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



719E4B



2DA570



00A79C

Triad

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



2DA570



5993E7



DC745F

Complementary

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



2DA570



A52D62

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.



E26C88



2DA570



A482D6

Square

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



2DA570



009FE1



D072B3



C48441

Rectangle

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



2DA570



00A7B9



D072B3



E0706C

Sweetspot

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



2DA570



A7D6C1



63A52D



4F6B5F



EBEBEB



6B6B6B

Same Dimension

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



2DA570



1CD684



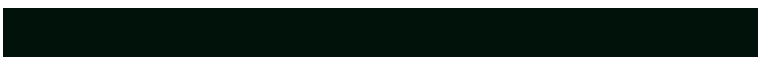
2D9FA5



49524E



009151



00120A

Inverse Universe

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



A52D62



D61C6E



A5332D



52494D



910040



120008

Previews

White Background



This preview shows how the Hex color 2DA570 looks on a white background.

Color Contrast Check

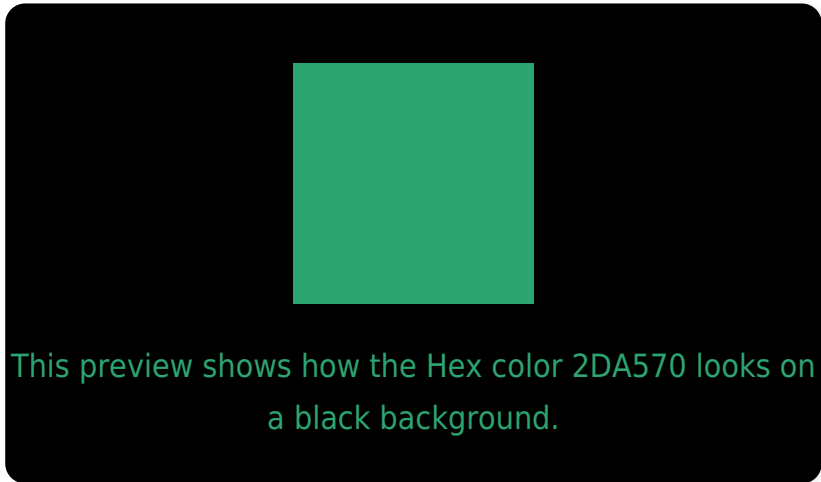
Large Text (above 18pt) WCAG AA ✓ Pass

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 2DA570 Background



This preview shows how black text looks on a background with the Hex color 2DA570.

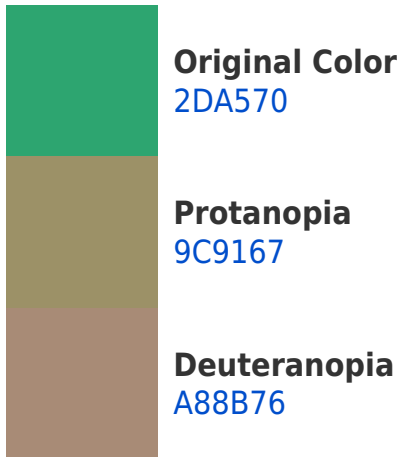


This preview shows how white text looks on a background with the Hex color 2DA570.

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
469EAA

Trichromacy



Original Color
2DA570



Protanomaly
74986A



Deuteranomaly
7B9474



Tritanomaly
3DA195

Monochromacy



Original Color
2DA570



Achromatopsia
7B7B7B



Achromatomaly
5F8A77

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DA570 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 #2DA570 looks like.

```
.text, #text, p{  
    color:#2DA570  
}
```

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 #2DA570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA570
}
```

Border

The CSS property to change the border of an element to Hex 2DA570 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
#2DA570 }
```

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

```
.border{ border-color:#2DA570 }
```

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

Here you see how a box with a 4 pixel #2DA570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA570; -webkit-box-shadow:4px 4px  
4px 4px #2DA570; box-shadow:4px 4px 4px  
4px #2DA570 }
```

Background

The CSS property to change the background color of an element to Hex 2DA570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA570 }
```

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

```
.background{ background-color:#2DA570 }
```

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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