

Converting Colors

Hex(2DAB60)

Have a look what the booklet for
Hex(2DAB60) contains.

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Color

Hex(2DAB60)

Conversions

Conversions Part 1

Format	Color
Hex	2DAB60
RGB	45, 171, 96
RGB Percent	18%, 67%, 38%
CMY	0.8235, 0.3294, 0.6235
CMYK	0.74, 0.00, 0.44, 0.33
HSL	144°, 58%, 42%
HSV	144°, 74%, 67%
XYZ	17.7564, 30.5282, 16.0230
YIQ	124.7760, -51.0210, -50.0370

Conversions

Conversions Part 2

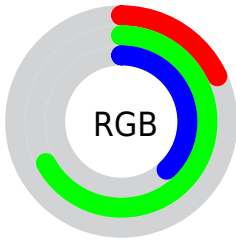
Format	Color
RYB	45, 135, 171
Decimal	2992992
CIELab	62.11, -50.84, 29.08
CIELCh	62, 58.567, 150.233
Yxy	30.5282, 0.2761, 0.4747
Android (android.graphics.Color)	4281183072 (0xFF2DAB60)
YUV	124.7760, -14.1866, -69.9636
Hunter-Lab	55.2524, -39.3272, 21.4827

Details

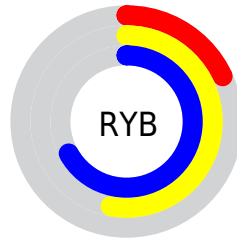
The Hex color **2DAB60** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB2D78**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6DE393**, and **007530** is the 20% darker color. If you saturate the color by 10%, you get **1CAB56**, and if you desaturate by 10%, it is **3EAB6A**.

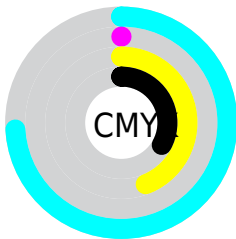
Distribution



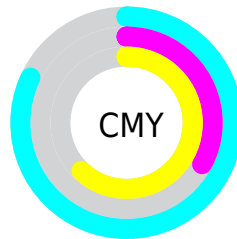
- Red (18%)
- Green (67%)
- Blue (38%)



- Red (18%)
- Yellow (53%)
- Blue (67%)



- Cyan (74%)
- Magenta (0%)
- Yellow (44%)
- Black (33%)



- Cyan (82%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DAB60 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 2DAB60 by changing the saturation by 10% instead.

 2DAB60

 2DAB60

FFFFFF

 009048

 6DE393

 007530

 8AFFAE

 005C19

 A7FFCA

 004300

 C5FFE6

 002D00

 E2FFFF

 000E00

 000000

 2DAB60

 2DAB60

 1CAB56

 3EAB6A

 0BAB4C

 4FAB74

 00AB45

 60AB7F

 71AB89

 83AB93

 94AB9D

 A5ABA7

 B6ABB1

 C7ABBC

Harmonies

Analogous

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



7DA235



2DAB60



00AF95

Triad

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



2DAB60



009CFE



F16C65

Complementary

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



2DAB60



AB2D78

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.



F26698



2DAB60



9788F0

Square

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



2DAB60



00A9F0



D572CB



D9803B

Rectangle

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



2DAB60



00AFB8



D572CB



F56875

Sweetspot

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



2DAB60



ADDEC1



79AB2D



53705F



F0F0F0



707070

Same Dimension

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



2DAB60



1BDE6A



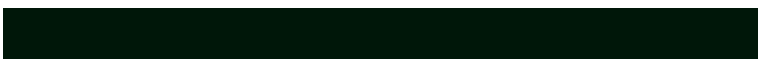
2DAB9E



4E5752



00963D



001709

Inverse Universe

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



AB2D78



DE1B8F



AB2D3A



574E53



96005A



17000E

Previews

White Background



This preview shows how the Hex color 2DAB60 looks on a white background.

Color Contrast Check

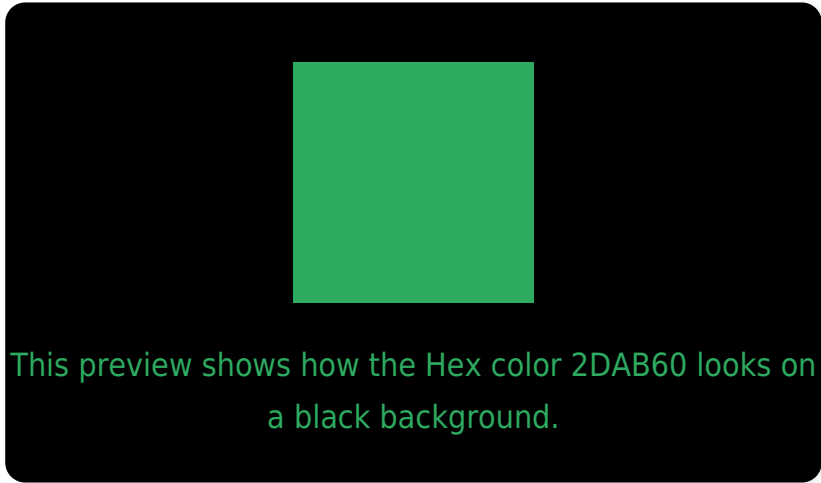
Large Text (above 18pt) WCAG AA × Fail

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 2DAB60 Background



This preview shows how black text looks on a background with the Hex color 2DAB60.

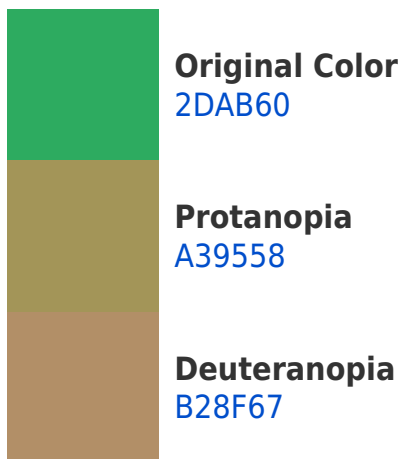


This preview shows how white text looks on a background with the Hex color 2DAB60.

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](#).

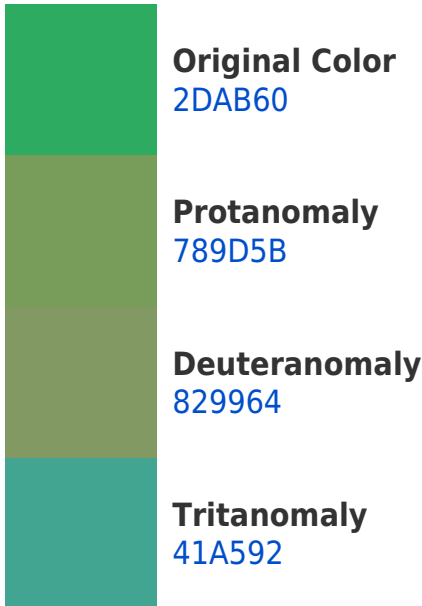
Dichromacy



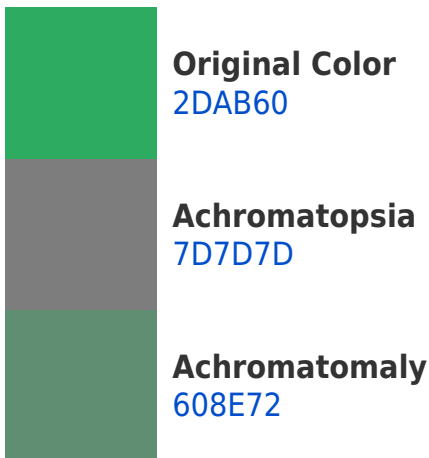


Tritanopia
4CA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DAB60 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 #2DAB60 looks like.

```
.text, #text, p{  
    color:#2DAB60  
}
```

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 #2DAB60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DAB60
}
```

Border

The CSS property to change the border of an element to Hex 2DAB60 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
#2DAB60 }
```

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

```
.border{ border-color:#2DAB60 }
```

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

Here you see how a box with a 4 pixel #2DAB60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DAB60; -webkit-box-shadow:4px 4px  
4px 4px #2DAB60; box-shadow:4px 4px 4px  
4px #2DAB60 }
```

Background

The CSS property to change the background color of an element to Hex 2DAB60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DAB60 }
```

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

```
.background{ background-color:#2DAB60 }
```

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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