

Converting Colors

Hex(2BA752)

Have a look what the booklet for
Hex(2BA752) contains.

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Color

Hex(2BA752)

Conversions

Conversions Part 1

Format	Color
Hex	2BA752
RGB	43, 167, 82
RGB Percent	17%, 65%, 32%
CMY	0.8314, 0.3451, 0.6784
CMYK	0.74, 0.00, 0.51, 0.35
HSL	139°, 59%, 41%
HSV	139°, 74%, 65%
XYZ	16.3380, 28.7602, 12.6728
YIQ	120.2340, -46.6190, -52.7230

Conversions

Conversions Part 2

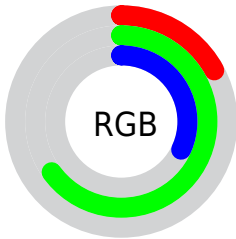
Format	Color
RYB	43, 137, 167
Decimal	2860882
CIELab	60.57, -52.03, 34.37
CIELCh	61, 62.358, 146.556
Yxy	28.7602, 0.2828, 0.4978
Android (android.graphics.Color)	4281050962 (0xFF2BA752)
YUV	120.2340, -18.8494, -67.7342
Hunter-Lab	53.6286, -39.4699, 23.5293

Details

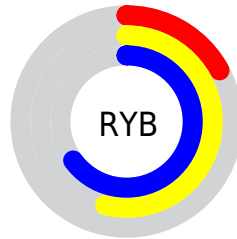
The Hex color **2BA752** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A72B80**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6BDF85**, and **007221** is the 20% darker color. If you saturate the color by 10%, you get **1AA747**, and if you desaturate by 10%, it is **3CA75D**.

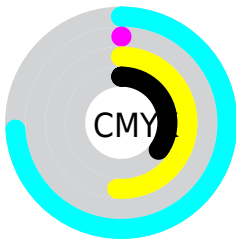
Distribution



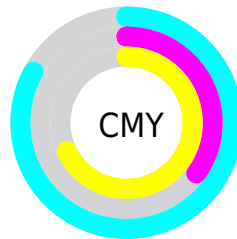
- Red (17%)
- Green (65%)
- Blue (32%)



- Red (17%)
- Yellow (54%)
- Blue (65%)



- Cyan (74%)
- Magenta (0%)
- Yellow (51%)
- Black (35%)



- Cyan (83%)
- Magenta (35%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BA752 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 2BA752 by changing the saturation by 10% instead.

 2BA752

 2BA752

FFFFFF

 008C3A

 6BDF85

 007221

 88FCA0

 005807

 A5FFBB

 003F00

 C3FFD7

 002900

 E0FFF4

 000400

FEFFFF

 000000

 2BA752

 2BA752

 1AA747

 3CA75D

0AA73B

4CA769

00A735

5DA774

6EA780

7FA78B

8FA797

A0A7A2

B1A7AE

C1A7B9

Harmonies

Analogous

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



7E9D23



2BA752



00AC8A

Triad

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



2BA752



009AFF



F36264

Complementary

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



2BA752



A72B80

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.



F15D9B



2BA752



8686F5

Square

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



2BA752



00A7ED



CE6ED0



DC7735

Rectangle

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



2BA752



00ACB0



CE6ED0



F55E76

Sweetspot

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



2BA752



A9D9B8



82A72B



516E5A



EDEDED



6E6E6E

Same Dimension

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



2BA752



18D955



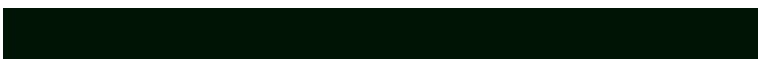
2BA78E



4C544E



00942F



001406

Inverse Universe

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



A72B80



D9189C



A72B44



544C52



940065



14000E

Previews

White Background



This preview shows how the Hex color 2BA752 looks on a white background.

Color Contrast Check

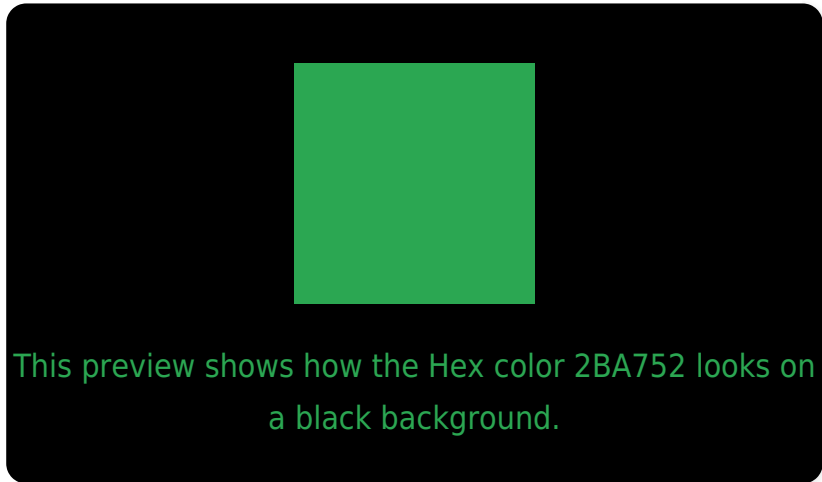
Large Text (above 18pt) WCAG AA ✓ Pass

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 2BA752 Background



This preview shows how black text looks on a background with the Hex color 2BA752.



This preview shows how white text looks on a background with the Hex color 2BA752.

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
2BA752

Protanopia
A0914A

Deuteranopia
AF8A59



Tritanopia
4B9DAA

Trichromacy



Original Color
2BA752



Protanomaly
75994D



Deuteranomaly
7F9556



Tritanomaly
3FA18A

Monochromacy



Original Color
2BA752



Achromatopsia
787878



Achromatomaly
5C896A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BA752 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 #2BA752 looks like.

```
.text, #text, p{  
    color:#2BA752  
}
```

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 #2BA752 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BA752
}
```

Border

The CSS property to change the border of an element to Hex 2BA752 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
#2BA752 }
```

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

```
.border{ border-color:#2BA752 }
```

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

Here you see how a box with a 4 pixel #2BA752 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BA752; -webkit-box-shadow:4px 4px  
4px 4px #2BA752; box-shadow:4px 4px 4px  
4px #2BA752 }
```

Background

The CSS property to change the background color of an element to Hex 2BA752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BA752 }
```

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

```
.background{ background-color:#2BA752 }
```

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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