

Converting Colors

Hex(2AA627)

Have a look what the booklet for
Hex(2AA627) contains.

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Color

Hex(2AA627)

Conversions

Conversions Part 1

Format	Color
Hex	2AA627
RGB	42, 166, 39
RGB Percent	16%, 65%, 15%
CMY	0.8353, 0.3490, 0.8471
CMYK	0.75, 0.00, 0.77, 0.35
HSL	119°, 62%, 40%
HSV	119°, 77%, 65%
XYZ	14.9573, 27.9112, 6.5185
YIQ	114.4460, -33.1370, -65.7850

Conversions

Conversions Part 2

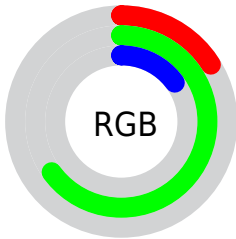
Format	Color
R_{YB}	39, 166, 163
Decimal	2795047
CIE Lab	59.81, -56.82, 52.46
CIE LCh	60, 77.334, 137.280
Yxy	27.9112, 0.3029, 0.5652
Android (android.graphics.Color)	4280985127 (0xFF2AA627)
YUV	114.4460, -37.1949, -63.5351
Hunter-Lab	52.8310, -41.9182, 29.6663

Details

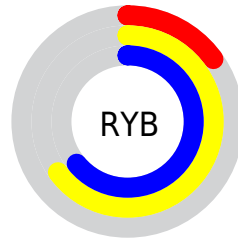
The Hex color **2AA627** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A327A6**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6CDE5D**, and **007100** is the 20% darker color. If you saturate the color by 10%, you get **1AA616**, and if you desaturate by 10%, it is **3AA638**.

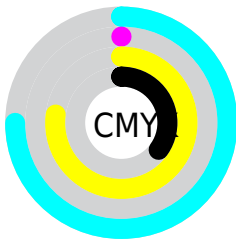
Distribution



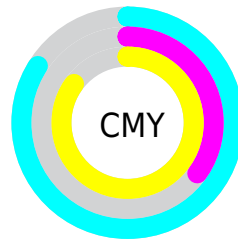
- Red (16%)
- Green (65%)
- Blue (15%)



- Red (15%)
- Yellow (65%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (77%)
- Black (35%)



- Cyan (84%)
- Magenta (35%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AA627 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 2AA627 by changing the saturation by 10% instead.



2AA627



2AA627

FFFFFF



008B01



6CDE5D



007100



8AFB78



005700



A7FF93



003E00



C5FFAF



002700



E3FFCB



000000



FFFFE8



2AA627



2AA627



1AA616



3AA638

■ 0AA606

■ 4AA648

■ 04A600

■ 5BA659

■ 6BA669

■ 7BA67A

■ 8BA68B

■ 9BA69B

■ ACA6AC

■ BCA6BC

Harmonies

Analogous

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



899900



2AA627



00AC70

Triad

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



2AA627



00A1FF



FF446C

Complementary

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



2AA627



A327A6

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.



FA47B0



2AA627



3B8BFF

Square

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



2AA627



00ABF3



C369EE



F2632B

Rectangle

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



2AA627



00AE9F



C369EE



FF3F83

Sweetspot

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



2AA627



A8D9A7



A6A227



506E4F



EDEDED



6E6E6E

Same Dimension

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



2AA627



16D911



27A662



4C544C



039400



001400

Inverse Universe

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



A327A6



D411D9



A6276B



544C54



900094



140014

Previews

White Background



This preview shows how the Hex color 2AA627 looks on a white background.

Color Contrast Check

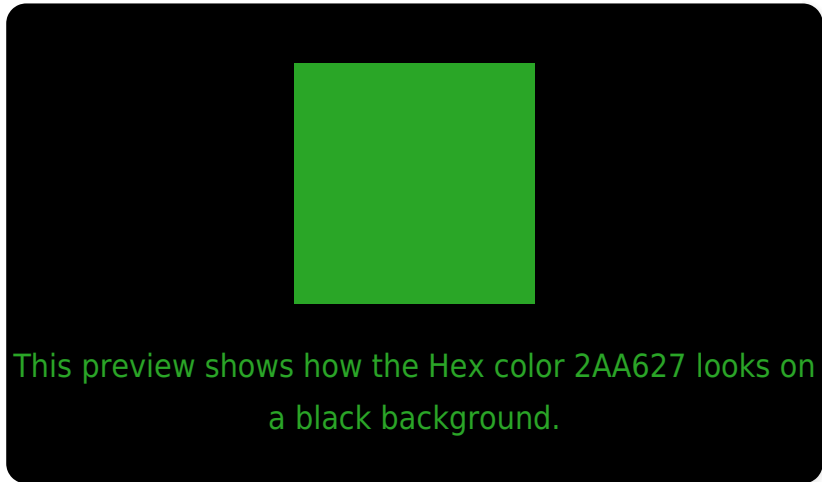
Large Text (above 18pt) WCAG AA ✓ Pass

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 2AA627 Background



This preview shows how black text looks on a background with the Hex color 2AA627.



This preview shows how white text looks on a background with the Hex color 2AA627.

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
2AA627

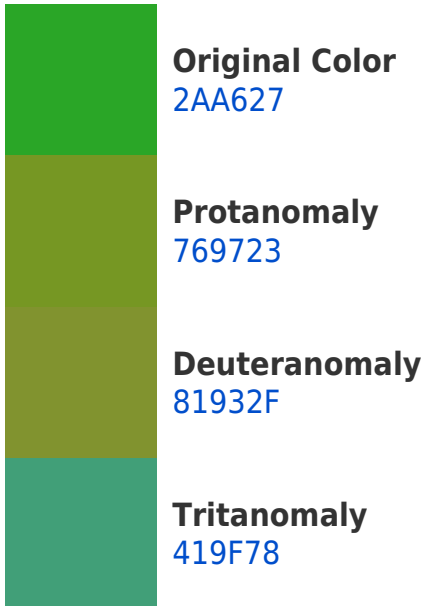
Protanopia
A18F21

Deuteranopia
B28834



Tritanopia
4E9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AA627 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 #2AA627 looks like.

```
.text, #text, p{  
    color:#2AA627  
}
```

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 #2AA627 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AA627
}
```

Border

The CSS property to change the border of an element to Hex 2AA627 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
#2AA627 }
```

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

```
.border{ border-color:#2AA627 }
```

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

Here you see how a box with a 4 pixel #2AA627 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AA627; -webkit-box-shadow:4px 4px  
4px 4px #2AA627; box-shadow:4px 4px 4px  
4px #2AA627 }
```

Background

The CSS property to change the background color of an element to Hex 2AA627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AA627 }
```

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

```
.background{ background-color:#2AA627 }
```

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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