

Converting Colors

Hex(2AA600)

Have a look what the booklet for
Hex(2AA600) contains.

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Color

Hex(2AA600)

Conversions

Conversions Part 1

Format	Color
Hex	2AA600
RGB	42, 166, 0
RGB Percent	16%, 65%, 0%
CMY	0.8353, 0.3490, 1.0000
CMYK	0.75, 0.00, 1.00, 0.35
HSL	105°, 100%, 33%
HSV	105°, 100%, 65%
XYZ	14.5911, 27.7647, 4.5901
YIQ	110.0000, -20.6180, -77.9140

Conversions

Conversions Part 2

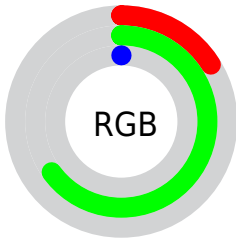
Format	Color
RYB	0, 166, 124
Decimal	2795008
CIELab	59.68, -58.46, 60.87
CIELCh	60, 84.398, 133.846
Yxy	27.7647, 0.3108, 0.5914
Android (android.graphics.Color)	4280985088 (0xFF2AA600)
YUV	110.0000, -54.2300, -59.6360
Hunter-Lab	52.6922, -42.7827, 31.7197

Details

The Hex color **2AA600** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7C00A6**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6DDE49**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **2AA600**, and if you desaturate by 10%, it is **36A611**.

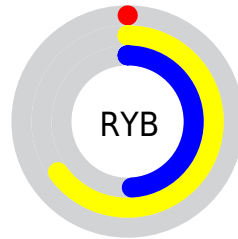
Distribution



Red (16%)

Green (65%)

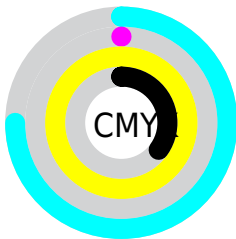
Blue (0%)



Red (0%)

Yellow (65%)

Blue (49%)

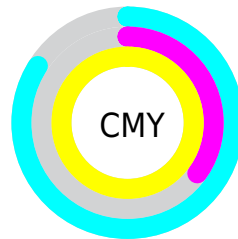


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (84%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AA600 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 2AA600 by changing the saturation by 10% instead.

 2AA600

 2AA600

FFFFFF

 008B00

 6DDE49

 007000

 8BFB65

 005700

 A9FF80

 003E00

 C7FF9C

 002700

 E5FFB8

 000000

 FFFFD5

 FFFFF2

 2AA600

 36A611

 43A621

 4FA632

 5CA642

 68A653

 74A664

 81A674

 8DA685

 9AA695

Harmonies

Analogous

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



8E9700



2AA600



00AD63

Triad

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



2AA600



00A4FF



FF2E71

Complementary

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



2AA600



7C00A6

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.



FE3BBB



2AA600



008EFF

Square

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



2AA600



00AEF6



BC69FC



FC5728

Rectangle

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



2AA600



00AF98



BC69FC



FF298A

Sweetspot

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



2AA600



A8D998



A67A00



506E46



EDEDED



6E6E6E

Same Dimension

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



2AA600



37D900



00A627



4E544C



259400



051400

Inverse Universe

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



7C00A6



A200D9



A6007F



524C54



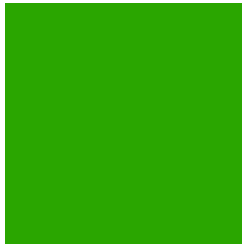
6E0094



0F0014

Previews

White Background



This preview shows how the Hex color 2AA600 looks on a white background.

Color Contrast Check

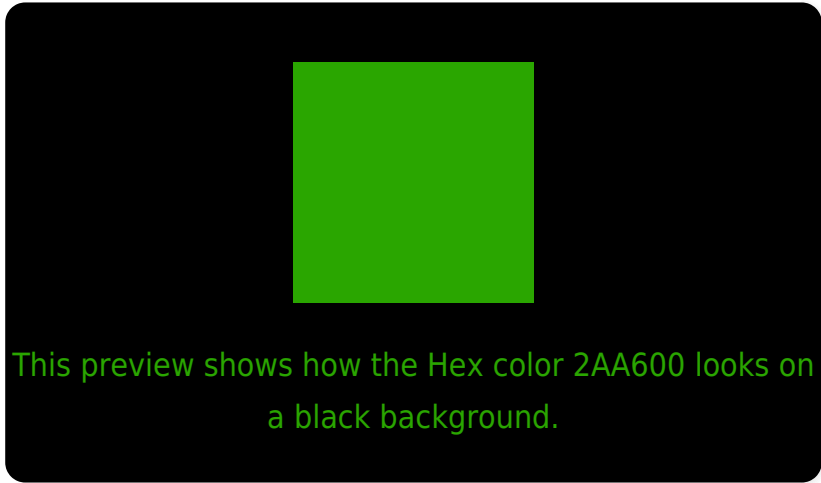
Large Text (above 18pt) WCAG AA ✓ Pass

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

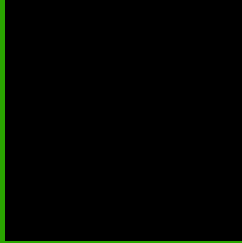
Any Text WCAG AA ✓ Pass

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 2AA600 Background



This preview shows how black text looks on a background with the Hex color 2AA600.



This preview shows how white text looks on a background with the Hex color 2AA600.

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](#).

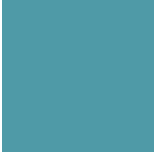
Dichromacy



Original Color
2AA600

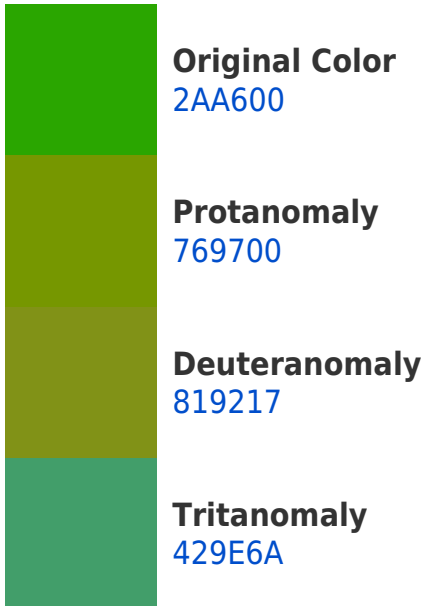
Protanopia
A18F00

Deuteranopia
B38724

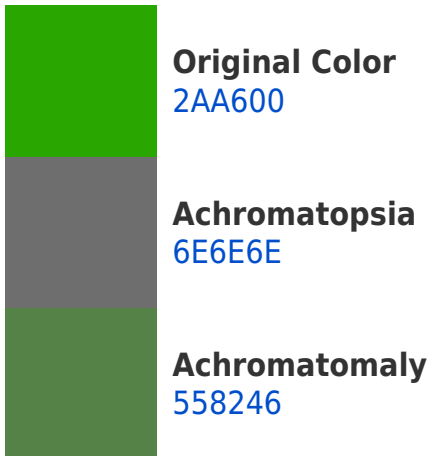


Tritanopia
4F9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AA600 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 #2AA600 looks like.

```
.text, #text, p{  
    color:#2AA600  
}
```

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 #2AA600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AA600
}
```

Border

The CSS property to change the border of an element to Hex 2AA600 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".

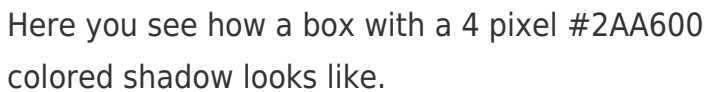
```
.border, #border, table{ border:4px solid
#2AA600 }
```

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

```
.border{ border-color:#2AA600 }
```

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

Here you see how a box with a 4 pixel #2AA600 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AA600; -webkit-box-shadow:4px 4px  
4px 4px #2AA600; box-shadow:4px 4px 4px  
4px #2AA600 }
```

Background

The CSS property to change the background color of an element to Hex 2AA600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AA600 }
```

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

```
.background{ background-color:#2AA600 }
```

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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