

Converting Colors

Hex(2AA516)

Have a look what the booklet for
Hex(2AA516) contains.

Hex(2AA516)	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(2AA516)

Conversions

Conversions Part 1

Format	Color
Hex	2AA516
RGB	42, 165, 22
RGB Percent	16%, 65%, 9%
CMY	0.8353, 0.3529, 0.9137
CMYK	0.75, 0.00, 0.87, 0.35
HSL	112°, 76%, 37%
HSV	112°, 87%, 65%
XYZ	14.5548, 27.4604, 5.2923
YIQ	111.9210, -27.4050, -70.5490

Conversions

Conversions Part 2

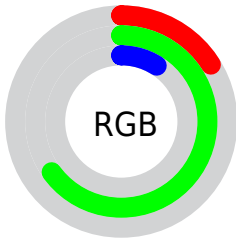
Format	Color
R_{YB}	22, 165, 145
Decimal	2794774
CIE _{Lab}	59.40, -57.49, 57.01
CIE _{LCh}	59, 80.963, 135.242
Yxy	27.4604, 0.3077, 0.5805
Android (android.graphics.Color)	4280984854 (0xFF2AA516)
YUV	111.9210, -44.3311, -61.3207
Hunter-Lab	52.4027, -42.1265, 30.6940

Details

The Hex color **2AA516** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9116A5**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6CDD52**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **1CA506**, and if you desaturate by 10%, it is **38A527**.

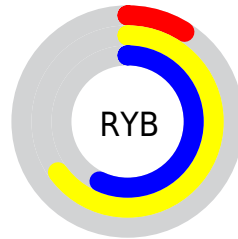
Distribution



Red (16%)

Green (65%)

Blue (9%)



Red (9%)

Yellow (65%)

Blue (57%)

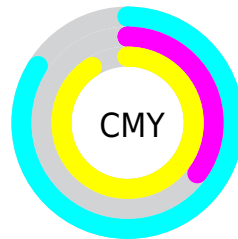


Cyan (75%)

Magenta (0%)

Yellow (87%)

Black (35%)



Cyan (84%)

Magenta (35%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AA516 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 2AA516 by changing the saturation by 10% instead.



2AA516



2AA516

FFFFFF



008A00



6CDD52



007000



8AFA6D



005600



A8FF88



003D00



C5FFA4



002600



E3FFC0



000000



FFFFDD



FFFFFFA



2AA516



2AA516

■ 1CA506

■ 38A527

■ 17A500

■ 46A537

■ 55A548

■ 63A558

■ 71A569

■ 7FA579

■ 8DA58A

■ 9CA59A

■ AAA5AB

Harmonies

Analogous

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



8B9700



2AA516



00AC68

Triad

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



2AA516



00A1FF



FF386E

Complementary

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



2AA516



9116A5

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.



FB40B5



2AA516



008BFF

Square

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



2AA516



00ACF3



BE68F4



F65C29

Rectangle

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



2AA516



00AE9A



BE68F4



FF3486

Sweetspot

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



2AA516



A6D69F



A59016



4F6B4A



EBEBEB



6B6B6B

Same Dimension

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



2AA516



1ED600



16A548



4B5249



149100



021200

Inverse Universe

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



9116A5



B800D6



A51673



504952



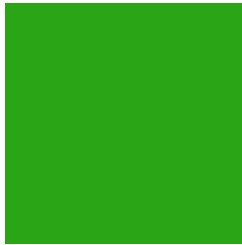
7D0091



0F0012

Previews

White Background



This preview shows how the Hex color 2AA516 looks on a white background.

Color Contrast Check

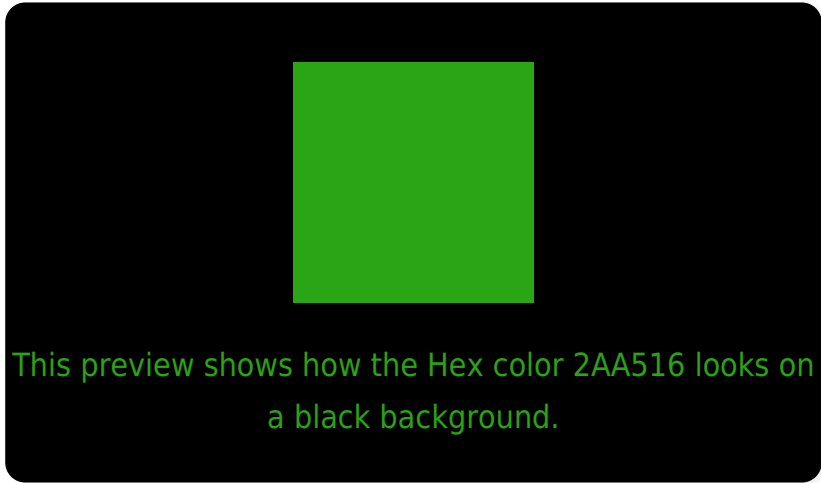
Large Text (above 18pt) WCAG AA ✓ Pass

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

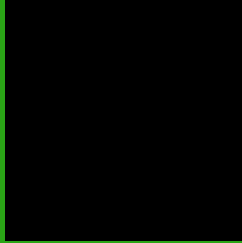
Any Text WCAG AA ✓ Pass

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 2AA516 Background



This preview shows how black text looks on a background with the Hex color 2AA516.



This preview shows how white text looks on a background with the Hex color 2AA516.

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
2AA516

Protanopia
A08E0E

Deuteranopia
B28729



Tritanopia
4F99A6

Trichromacy



Original Color
2AA516



Protanomaly
759611



Deuteranomaly
819222



Tritanomaly
429D72

Monochromacy



Original Color
2AA516



Achromatopsia
707070



Achromatomaly
57834F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AA516 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 #2AA516 looks like.

```
.text, #text, p{  
    color:#2AA516  
}
```

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 #2AA516 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AA516
}
```

Border

The CSS property to change the border of an element to Hex 2AA516 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".

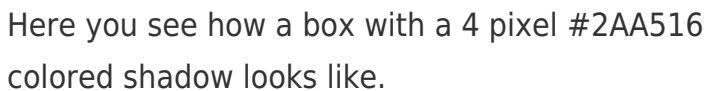
```
.border, #border, table{ border:4px solid
#2AA516 }
```

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

```
.border{ border-color:#2AA516 }
```

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

Here you see how a box with a 4 pixel #2AA516 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 #2AA516; -webkit-box-shadow:4px 4px  
4px 4px #2AA516; box-shadow:4px 4px 4px  
4px #2AA516 }
```

Background

The CSS property to change the background color of an element to Hex 2AA516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AA516 }
```

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

```
.background{ background-color:#2AA516 }
```

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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