

Converting Colors

Hex(2BA300)

Have a look what the booklet for
Hex(2BA300) contains.

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Color

Hex(2BA300)

Conversions

Conversions Part 1

Format	Color
Hex	2BA300
RGB	43, 163, 0
RGB Percent	17%, 64%, 0%
CMY	0.8314, 0.3608, 1.0000
CMYK	0.74, 0.00, 1.00, 0.36
HSL	104°, 100%, 32%
HSV	104°, 100%, 64%
XYZ	14.0935, 26.7080, 4.4124
YIQ	108.5380, -19.1970, -76.1330

Conversions

Conversions Part 2

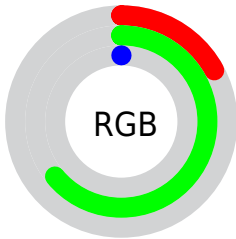
Format	Color
RYB	0, 163, 120
Decimal	2859776
CIELab	58.70, -57.35, 60.10
CIELCh	59, 83.075, 133.658
Yxy	26.7080, 0.3117, 0.5907
Android (android.graphics.Color)	4281049856 (0xFF2BA300)
YUV	108.5380, -53.5092, -57.4768
Hunter-Lab	51.6798, -41.7613, 31.1137

Details

The Hex color **2BA300** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7800A3**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6DDB48**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **2BA300**, and if you desaturate by 10%, it is **37A310**.

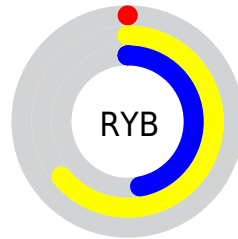
Distribution



Red (17%)

Green (64%)

Blue (0%)



Red (0%)

Yellow (64%)

Blue (47%)

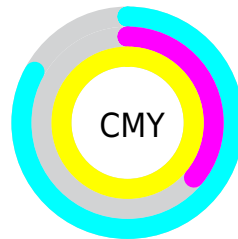


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (83%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BA300 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 2BA300 by changing the saturation by 10% instead.

 2BA300

 2BA300

FFFFFF

 008800

 6DDB48

 006E00

 8BF864

 005400

 A8FF7F

 003C00

 C6FF9B

 002500

 E4FFB7

 000000

 FFFFD4

 FFFFF1

 2BA300

 37A310

 43A321

 4FA331

 5BA341

 67A352

 73A362

 7FA372

 8BA382

 97A393

Harmonies

Analogous

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



8C9400



2BA300



00AA61

Triad

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



2BA300



00A1FF



FF2E6F

Complementary

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



2BA300



7800A3

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.



F93BB8



2BA300



008BFF

Square

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



2BA300



00ABF1



B867F8



F85628

Rectangle

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



2BA300



00AC94



B867F8



FF2988

Sweetspot

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



2BA300



A5D494



A37800



4F6B45



EBEBEB



6B6B6B

Same Dimension

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



2BA300



38D400



00A326



4C5249



269100



051200

Inverse Universe

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



7800A3



9C00D4



A3007D



4F4952



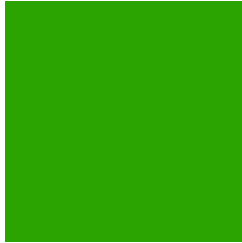
6B0091



0D0012

Previews

White Background



This preview shows how the Hex color 2BA300 looks on a white background.

Color Contrast Check

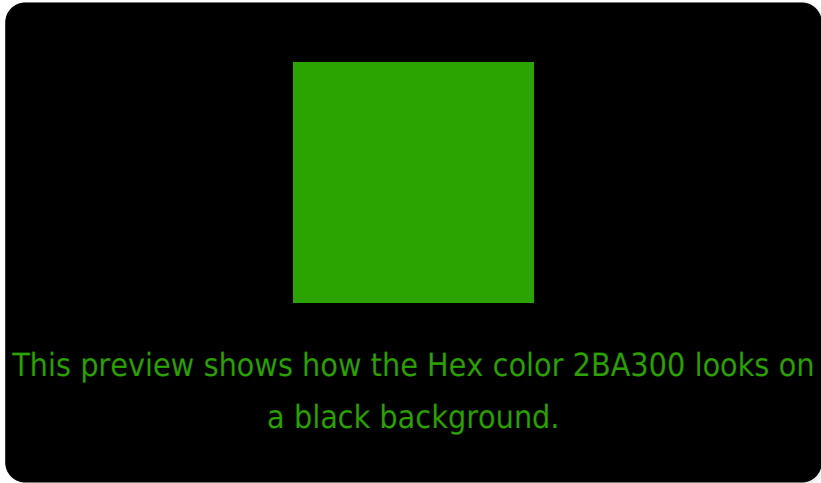
Large Text (above 18pt) WCAG AA ✓ Pass

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 2BA300 Background



This preview shows how black text looks on a background with the Hex color 2BA300.

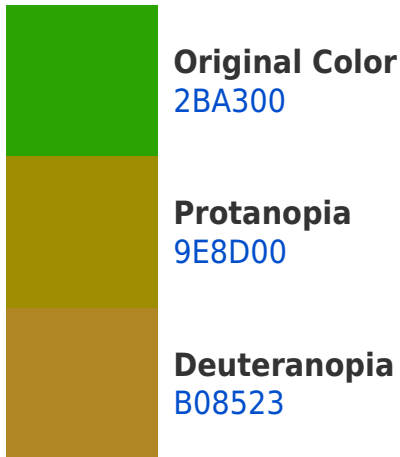


This preview shows how white text looks on a background with the Hex color 2BA300.

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](#).

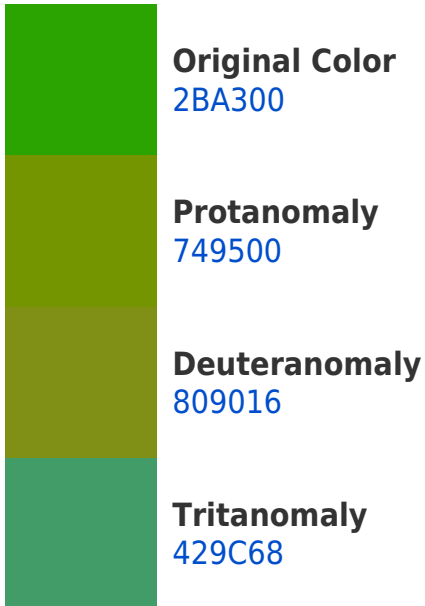
Dichromacy



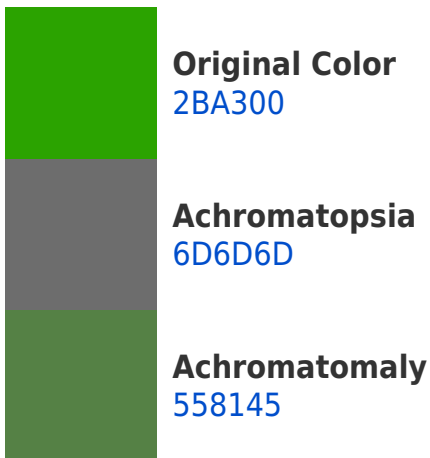


Tritanopia
4F98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BA300 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 #2BA300 looks like.

```
.text, #text, p{  
    color:#2BA300  
}
```

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 #2BA300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BA300
}
```

Border

The CSS property to change the border of an element to Hex 2BA300 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
#2BA300 }
```

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

```
.border{ border-color:#2BA300 }
```

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

Here you see how a box with a 4 pixel #2BA300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BA300; -webkit-box-shadow:4px 4px  
4px 4px #2BA300; box-shadow:4px 4px 4px  
4px #2BA300 }
```

Background

The CSS property to change the background color of an element to Hex 2BA300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BA300 }
```

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

```
.background{ background-color:#2BA300 }
```

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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