

Converting Colors

Hex(32DA00)

Have a look what the booklet for
Hex(32DA00) contains.

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Color

Hex(32DA00)

Conversions

Conversions Part 1

Format	Color
Hex	32DA00
RGB	50, 218, 0
RGB Percent	20%, 85%, 0%
CMY	0.8039, 0.1451, 1.0000
CMYK	0.77, 0.00, 1.00, 0.15
HSL	106°, 100%, 43%
HSV	106°, 100%, 85%
XYZ	26.3868, 50.8209, 8.4187
YIQ	142.9160, -30.1500, -103.4140

Conversions

Conversions Part 2

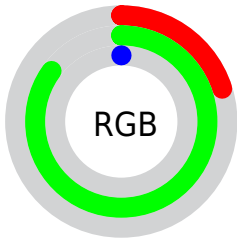
Format	Color
RYB	0, 218, 168
Decimal	3332608
CIELab	76.57, -72.83, 74.40
CIELCh	77, 104.116, 134.390
Yxy	50.8209, 0.3082, 0.5935
Android (android.graphics.Color)	4281522688 (0xFF32DA00)
YUV	142.9160, -70.4576, -81.4873
Hunter-Lab	71.2888, -58.6855, 42.9004

Details

The Hex color **32DA00** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **A800DA**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7EFF55**, and **00A100** is the 20% darker color. If you saturate the color by 10%, you get **32DA00**, and if you desaturate by 10%, it is **43DA16**.

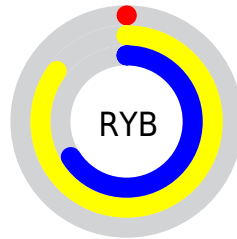
Distribution



Red (20%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (66%)

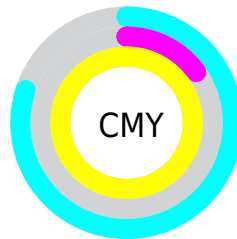


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (80%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32DA00 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 32DA00 by changing the saturation by 10% instead.

 32DA00

 32DA00

FFFFFF

 00BD00

 7EFF55

 00A100

 9EFF72

 008600

 BDFF8F

 006B00

 DDFFAC

 005100

 FCFFC9

 003900

 FFFFE7

 001F00

 000000

 32DA00

 43DA16

 54DA2C

 64DA41

 75DA57

 86DA6D

 97DA83

 A8DA99

 B8DAAE

 C9DAC4

Harmonies

Analogous

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



B9C700



32DA00



00E385

Triad

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



32DA00



00D7FF



FF3D93

Complementary

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



32DA00



A800DA

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.



FF4DF3



32DA00



00B9FF

Square

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



32DA00



00E4FF



F889FF



FF7435

Rectangle

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



32DA00



00E6C9



F889FF



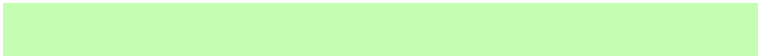
FF36B3

Sweetspot

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



32DA00



C4FFB3



DAA700



5C8052



000000



808080

Same Dimension

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



32DA00



3AFF00



00DA3A



656E63



28AD00



0B2E00

Inverse Universe

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



A800DA



C500FF



DA00A0



6B636E



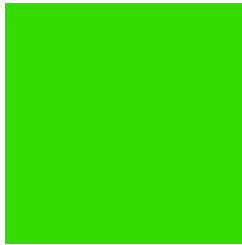
8600AD



23002E

Previews

White Background



This preview shows how the Hex color 32DA00 looks on a white background.

Color Contrast Check

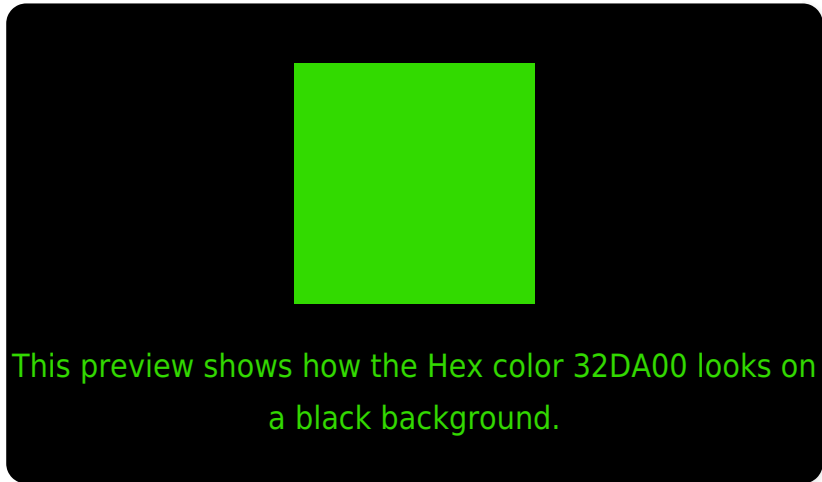
Large Text (above 18pt) WCAG AA × Fail

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

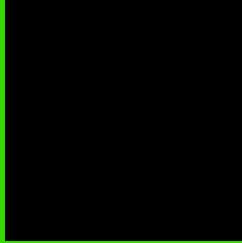
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 32DA00 Background



This preview shows how black text looks on a background with the Hex color 32DA00.

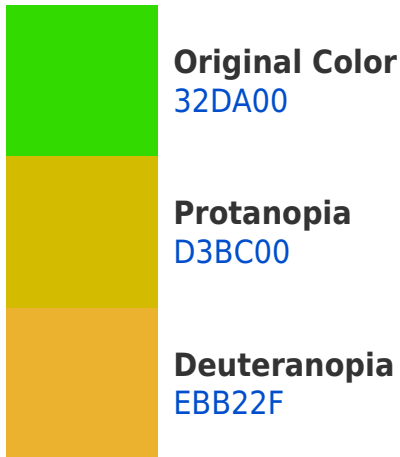


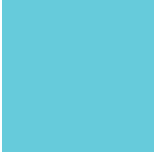
This preview shows how white text looks on a background with the Hex color 32DA00.

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](#).

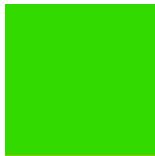
Dichromacy





Tritanopia
66CBDB

Trichromacy



Original Color
32DA00



Protanomaly
98C700



Deuteranomaly
A8C11E



Tritanomaly
53D08B

Monochromacy



Original Color
32DA00



Achromatopsia
8F8F8F



Achromatomaly
6DAA5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 32DA00 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 #32DA00 looks like.

```
.text, #text, p{  
    color:#32DA00  
}
```

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 #32DA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32DA00
}
```

Border

The CSS property to change the border of an element to Hex 32DA00 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
#32DA00 }
```

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

```
.border{ border-color:#32DA00 }
```

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

Here you see how a box with a 4 pixel #32DA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32DA00; -webkit-box-shadow:4px 4px  
4px 4px #32DA00; box-shadow:4px 4px 4px  
4px #32DA00 }
```

Background

The CSS property to change the background color of an element to Hex 32DA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32DA00 }
```

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

```
.background{ background-color:#32DA00 }
```

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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