

Converting Colors

Hex(32DB00)

Have a look what the booklet for
Hex(32DB00) contains.

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Color

Hex(32DB00)

Conversions

Conversions Part 1

Format	Color
Hex	32DB00
RGB	50, 219, 0
RGB Percent	20%, 86%, 0%
CMY	0.8039, 0.1412, 1.0000
CMYK	0.77, 0.00, 1.00, 0.14
HSL	106°, 100%, 43%
HSV	106°, 100%, 86%
XYZ	26.6469, 51.3411, 8.5054
YIQ	143.5030, -30.4250, -103.9370

Conversions

Conversions Part 2

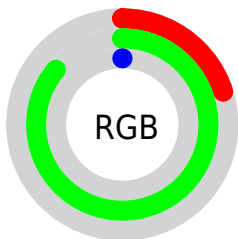
Format	Color
RYB	0, 219, 169
Decimal	3332864
CIELab	76.89, -73.12, 74.65
CIELCh	77, 104.498, 134.407
Yxy	51.3411, 0.3081, 0.5936
Android (android.graphics.Color)	4281522944 (0xFF32DB00)
YUV	143.5030, -70.7470, -82.0021
Hunter-Lab	71.6527, -59.0100, 43.1190

Details


The Hex color **32DB00** 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 **A900DB**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7EFF55**, and **00A200** is the 20% darker color. If you saturate the color by 10%, you get **32DB00**, and if you desaturate by 10%, it is **43DB16**.

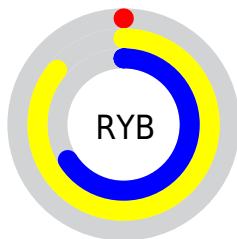
Distribution



 Red (20%)

 Green (86%)

 Blue (0%)




 Red (0%)

 Yellow (86%)

 Blue (66%)

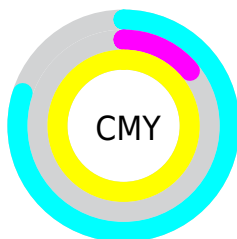



 Cyan (77%)


 Magenta (0%)

 Yellow (100%)

 Black (14%)



 Cyan (80%)

 Magenta (14%)

 Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32DB00 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 32DB00 by changing the saturation by 10% instead.

 32DB00

 32DB00

FFFFFF

 00BE00

 7EFF55

 00A200

 9EFF72

 008700

 BEFF8F

 006C00

 DDFFAC

 005200

 FDFPCA

 003A00

 FFFFE7

 002000

 000000

 32DB00

 43DB16

 54DB2C

 65DB42

 76DB58

 87DB6E

 97DB83

 A8DB99

 B9DBAF

 CADBC5

Harmonies

Analogous

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



BAC800



32DB00



00E486

Triad

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



32DB00



00D8FF



FF3D94

Complementary

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



32DB00



A900DB

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.



FF4DF4



32DB00



00BAFF

Square

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



32DB00



00E5FF



F98AFF



FF7535

Rectangle

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



32DB00



00E7CA



F98AFF



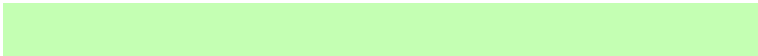
FF36B4

Sweetspot

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



32DB00



C4FFB3



DBA800



5C8052



000000



808080

Same Dimension

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



32DB00



3AFF00



00DB3A



656E63



28AD00



0A2E00

Inverse Universe

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



A900DB



C500FF



DB00A1



6B636E



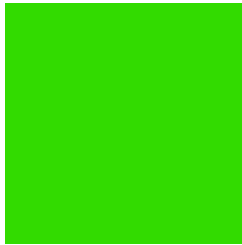
8600AD



23002E

Previews

White Background



This preview shows how the Hex color 32DB00 looks on a white background.

Color Contrast Check

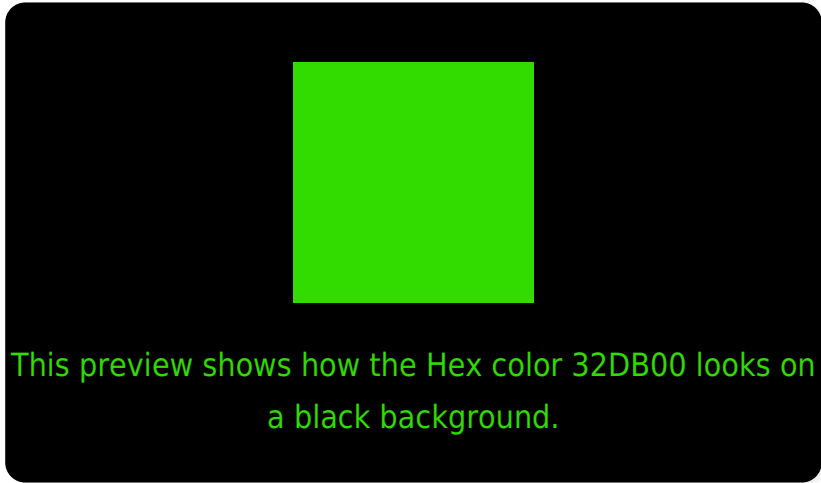
Large Text (above 18pt) WCAG AA × Fail

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

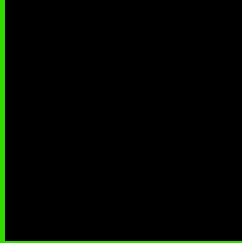
Any Text WCAG AA ✓ Pass

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 32DB00 Background



This preview shows how black text looks on a background with the Hex color 32DB00.

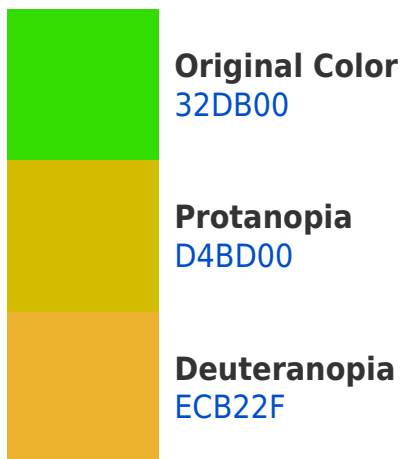


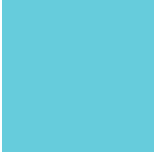
This preview shows how white text looks on a background with the Hex color 32DB00.

Color Blindness Simulation

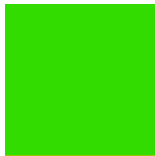
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
32DB00



Protanomaly
99C800



Deuteranomaly
A8C11E



Tritanomaly
53D18C

Monochromacy



Original Color
32DB00



Achromatopsia
909090



Achromatomaly
6EAB5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 32DB00 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 #32DB00 looks like.

```
.text, #text, p{  
    color:#32DB00  
}
```

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 #32DB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32DB00
}
```

Border

The CSS property to change the border of an element to Hex 32DB00 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".

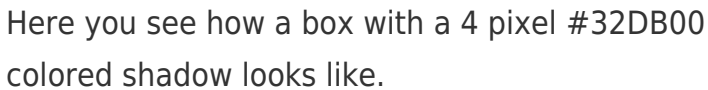
```
.border, #border, table{ border:4px solid
#32DB00 }
```

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

```
.border{ border-color:#32DB00 }
```

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

Here you see how a box with a 4 pixel #32DB00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32DB00; -webkit-box-shadow:4px 4px  
4px 4px #32DB00; box-shadow:4px 4px 4px  
4px #32DB00 }
```

Background

The CSS property to change the background color of an element to Hex 32DB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32DB00 }
```

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

```
.background{ background-color:#32DB00 }
```

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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