

Converting Colors

Hex(32DD0C)

Have a look what the booklet for
Hex(32DD0C) contains.

Hex(32DD0C)	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(32DD0C)

Conversions

Conversions Part 1

Format	Color
Hex	32DD0C
RGB	50, 221, 12
RGB Percent	20%, 87%, 5%
CMY	0.8039, 0.1333, 0.9529
CMYK	0.77, 0.00, 0.95, 0.13
HSL	109°, 90%, 46%
HSV	109°, 95%, 87%
XYZ	27.2382, 52.4176, 9.0298
YIQ	146.0450, -34.8270, -101.2510

Conversions

Conversions Part 2

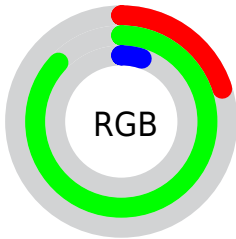
Format	Color
RYB	12, 221, 183
Decimal	3333388
CIELab	77.53, -73.50, 74.04
CIELCh	78, 104.327, 134.789
Yxy	52.4176, 0.3071, 0.5910
Android (android.graphics.Color)	4281523468 (0xFF32DD0C)
YUV	146.0450, -66.0842, -84.2315
Hunter-Lab	72.4000, -59.5450, 43.2852

Details

The Hex color **32DD0C** 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 **B70CDD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7EFF58**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **28DD00**, and if you desaturate by 10%, it is **44DD22**.

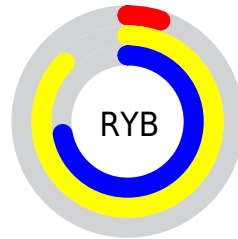
Distribution



Red (20%)

Green (87%)

Blue (5%)



Red (5%)

Yellow (87%)

Blue (72%)

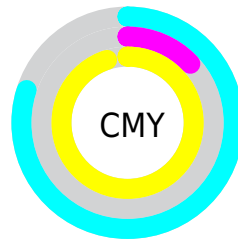


Cyan (77%)

Magenta (0%)

Yellow (95%)

Black (13%)



Cyan (80%)

Magenta (13%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32DD0C 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 32DD0C by changing the saturation by 10% instead.

 32DD0C

 32DD0C

FFFFFF

 00C000

 7EFF58

 00A400

 9EFF76

 008900

 BEFF93

 006E00

 DDFFB0

 005400

 FDFPCD

 003C00

 FFFFEB

 002200

 000000

 32DD0C

 32DD0C

 28DD00

 44DD22

 56DD38

 68DD4E

 7ADD64

 8CDD7B

 9EDD91

 B1DDA7

 C3DDBD

 D5DDD3

Harmonies

Analogous

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



BBCA00



32DD0C



00E689

Triad

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



32DD0C



00D9FF



FF4294

Complementary

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



32DD0C



B70CDD

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.



FF4FF5



32DD0C



00BCFF

Square

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



32DD0C



00E6FF



FD8BFF



FF7836

Rectangle

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



32DD0C



00E9CD



FD8BFF



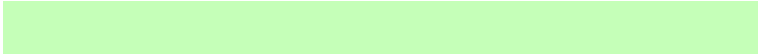
FF3AB4

Sweetspot

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



32DD0C



C5FFB8



DDB70C



5C8054



000000



808080

Same Dimension

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



32DD0C



2EFF00



0CDD4E



656E63



20AD00



082E00

Inverse Universe

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



B70CDD



D100FF



DD0C9B



6C636E



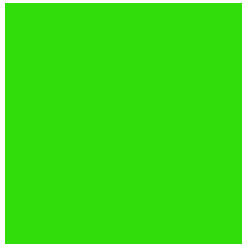
8E00AD



26002E

Previews

White Background



This preview shows how the Hex color 32DD0C looks on a white background.

Color Contrast Check

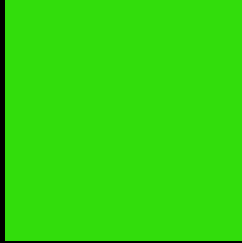
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 32DD0C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

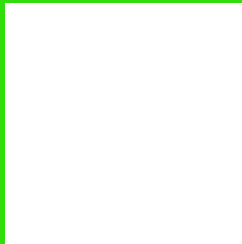
Any Text WCAG AAA ✓ Pass

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

Hex 32DD0C Background



This preview shows how black text looks on a background with the Hex color 32DD0C.

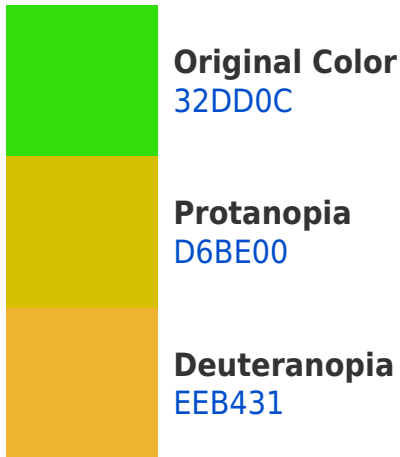


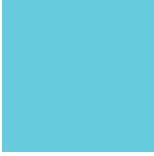
This preview shows how white text looks on a background with the Hex color 32DD0C.

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
67CDDE

Trichromacy



Original Color
32DD0C



Protanomaly
9AC904



Deuteranomaly
AAC324



Tritanomaly
54D392

Monochromacy



Original Color
32DD0C



Achromatopsia
929292



Achromatomaly
6FAD61

CSS Examples

Text

The CSS property to change the color of the text to Hex 32DD0C 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 #32DD0C looks like.

```
.text, #text, p{  
    color:#32DD0C  
}
```

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 #32DD0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32DD0C
}
```

Border

The CSS property to change the border of an element to Hex 32DD0C 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
#32DD0C }
```

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

```
.border{ border-color:#32DD0C }
```

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

Here you see how a box with a 4 pixel #32DD0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32DD0C; -webkit-box-shadow:4px 4px  
4px 4px #32DD0C; box-shadow:4px 4px 4px  
4px #32DD0C }
```

Background

The CSS property to change the background color of an element to Hex 32DD0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32DD0C }
```

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

```
.background{ background-color:#32DD0C }
```

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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