

Converting Colors

Hex(3CD206)

Have a look what the booklet for
Hex(3CD206) contains.

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Color

Hex(3CD206)

Conversions

Conversions Part 1

Format	Color
Hex	3CD206
RGB	60, 210, 6
RGB Percent	24%, 82%, 2%
CMY	0.7647, 0.1765, 0.9765
CMYK	0.71, 0.00, 0.97, 0.18
HSL	104°, 94%, 42%
HSV	104°, 97%, 82%
XYZ	24.9429, 47.0670, 7.9425
YIQ	141.8940, -23.9160, -95.2440

Conversions

Conversions Part 2

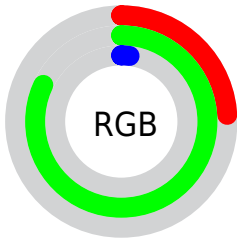
Format	Color
RYB	6, 210, 156
Decimal	3985926
CIELab	74.23, -68.82, 72.01
CIELCh	74, 99.604, 133.703
Yxy	47.0670, 0.3120, 0.5887
Android (android.graphics.Color)	4282176006 (0xFF3CD206)
YUV	141.8940, -66.9957, -71.8210
Hunter-Lab	68.6054, -55.1620, 41.1597

Details

The Hex color **3CD206** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9C06D2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **82FF55**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **38D200**, and if you desaturate by 10%, it is **4BD21B**.

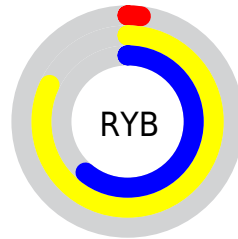
Distribution



Red (24%)

Green (82%)

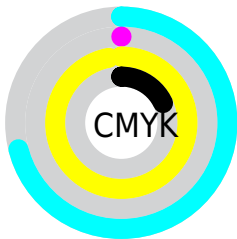
Blue (2%)



Red (2%)

Yellow (82%)

Blue (61%)

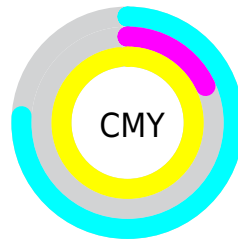


Cyan (71%)

Magenta (0%)

Yellow (97%)

Black (18%)



Cyan (76%)

Magenta (18%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CD206 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 3CD206 by changing the saturation by 10% instead.

 3CD206

 3CD206

FFFFFF

 00B600


 82FF55

 009A00

 A1FF72

 007F00

 C0FF8E

 006400

 DFFFAB

 004B00

 FEFFC8

 003300

 FFFFE6

 001700

 000000

 3CD206

 3CD206

■ 38D200

■ 4BD21B

■ 5BD230

■ 6AD245

■ 7AD25A

■ 89D26F

■ 99D284

■ A8D299

■ B8D2AE

■ C7D2C3

Harmonies

Analogous

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



B5C000



3CD206



00DB7F

Triad

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



3CD206



00CFFF



FF4091

Complementary

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



3CD206



9C06D2

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.



FF50EC



3CD206



00B4FF

Square

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



3CD206



00DCFF



EC87FF



FF7138

Rectangle

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



3CD206



00DEC0



EC87FF



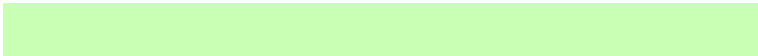
FF3BAF

Sweetspot

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



3CD206



C9FFB5



D29C06



5F8053



000000



808080

Same Dimension

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



3CD206



43FF00



06D236



61695E



2DA800



0B2900

Inverse Universe

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



9C06D2



BC00FF



D206A2



665E69



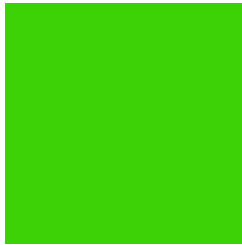
7C00A8



1E0029

Previews

White Background



This preview shows how the Hex color 3CD206 looks on a white background.

Color Contrast Check

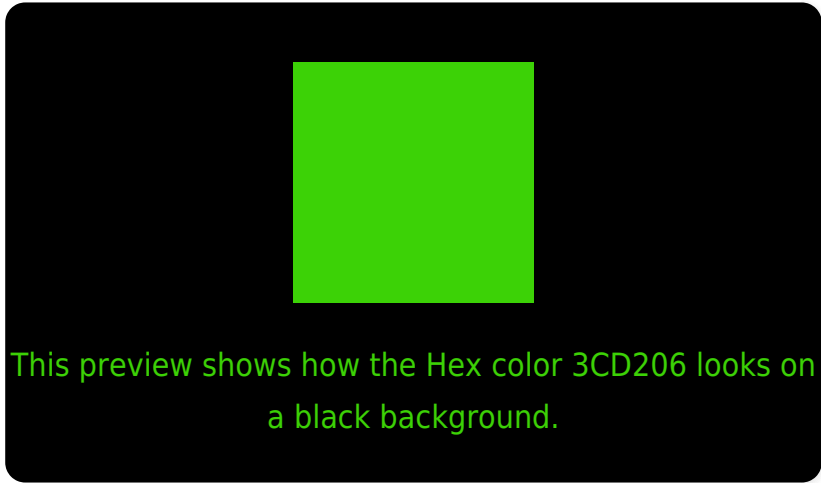
Large Text (above 18pt) WCAG AA × Fail

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

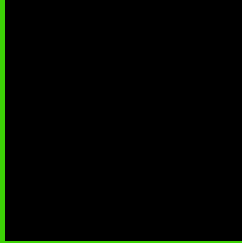
Any Text WCAG AA ✓ Pass

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 3CD206 Background



This preview shows how black text looks on a background with the Hex color 3CD206.



This preview shows how white text looks on a background with the Hex color 3CD206.

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](#).

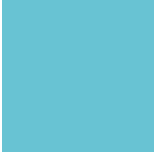
Dichromacy



Original Color
3CD206

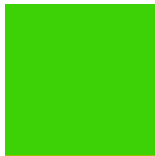
Protanopia
CCB500

Deuteranopia
E4AC2D



Tritanopia
68C3D3

Trichromacy



Original Color
3CD206



Protanomaly
98C002



Deuteranomaly
A7BA1F



Tritanomaly
58C888

Monochromacy



Original Color
3CD206



Achromatopsia
8E8E8E



Achromatomaly
70A75D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CD206 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 #3CD206 looks like.

```
.text, #text, p{  
    color:#3CD206  
}
```

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 #3CD206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CD206
}
```

Border

The CSS property to change the border of an element to Hex 3CD206 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
#3CD206 }
```

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

```
.border{ border-color:#3CD206 }
```

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

Here you see how a box with a 4 pixel #3CD206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CD206; -webkit-box-shadow:4px 4px  
4px 4px #3CD206; box-shadow:4px 4px 4px  
4px #3CD206 }
```

Background

The CSS property to change the background color of an element to Hex 3CD206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CD206 }
```

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

```
.background{ background-color:#3CD206 }
```

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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