

# Converting Colors

Hex(30D113)

Have a look what the booklet for  
Hex(30D113) contains.

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**Color**

**Hex(30D113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30D113
RGB	48, 209, 19
RGB Percent	19%, 82%, 7%
CMY	0.8118, 0.1804, 0.9255
CMYK	0.77, 0.00, 0.91, 0.18
HSL	111°, 83%, 45%
HSV	111°, 91%, 82%
XYZ	24.1369, 46.2763, 8.2762
YIQ	139.2010, -34.9660, -93.2220

# Conversions

## Conversions Part 2

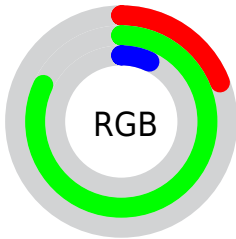
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 209, 180
Decimal	3199251
CIELab	73.72, -70.11, 69.98
CIELCh	74, 99.060, 135.056
Yxy	46.2763, 0.3067, 0.5881
Android (android.graphics.Color)	4281389331 (0xFF30D113)
YUV	139.2010, -59.2591, -79.9833
Hunter-Lab	68.0267, -55.7122, 40.4054

# Details

The Hex color **30D113** 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 **B413D1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7AFF58**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **20D100**, and if you desaturate by 10%, it is **42D128**.

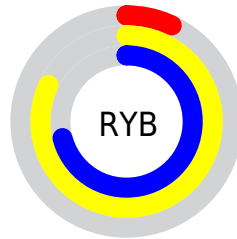
# Distribution



Red (19%)

Green (82%)

Blue (7%)



Red (7%)

Yellow (82%)

Blue (71%)

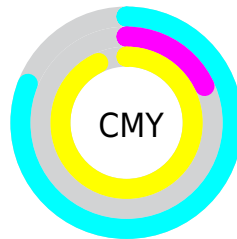


Cyan (77%)

Magenta (0%)

Yellow (91%)

Black (18%)



Cyan (81%)

Magenta (18%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30D113 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 30D113 by changing the saturation by 10% instead.



 30D113

 30D113

FFFFFF

 00B500

 7AFF58

 009900

 9AFF75

 007E00

 B9FF92

 006300

 D8FFAE

 004A00

 F7FFCB

 003200

 FFFFE9

 001500

 000000

 30D113

 30D113

■ 20D100

■ 42D128

■ 53D13D

■ 65D152

■ 77D167

■ 89D17B

■ 9AD190

■ ACD1A5

■ BED1BA

■ CFD1CF

# Harmonies

## Analogous

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



B0BF00



30D113



00DA83

# Triad

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



30D113



00CDFE



FF418C

# Complementary

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



30D113



B413D1

# 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.



FF4DE7



30D113



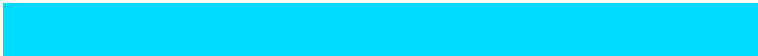
00B1FF

# Square

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



30D113



00DAFF



F084FF



FF7233

# Rectangle

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



30D113



00DCC3



F084FF



FF3AAA

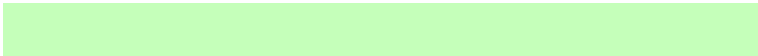


# Sweetspot

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



30D113



C5FFBA



D1B113



5D8057



000000



808080



# Same Dimension

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



30D113



27FF00



13D152



60695E



1AA800



062900



# Inverse Universe

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



B413D1



D800FF



D11392



675E69



8F00A8

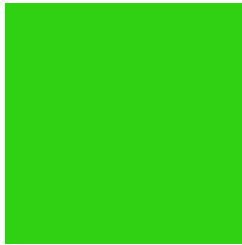


230029



# Previews

## White Background



This preview shows how the Hex color 30D113 looks on a white background.

## Color Contrast Check

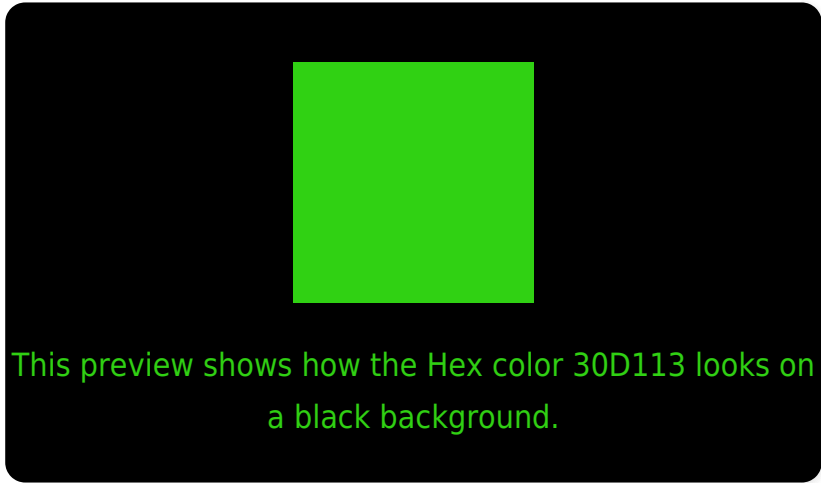
Large Text (above 18pt) WCAG AA × Fail

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 30D113 Background



This preview shows how black text looks on a background with the Hex color 30D113.

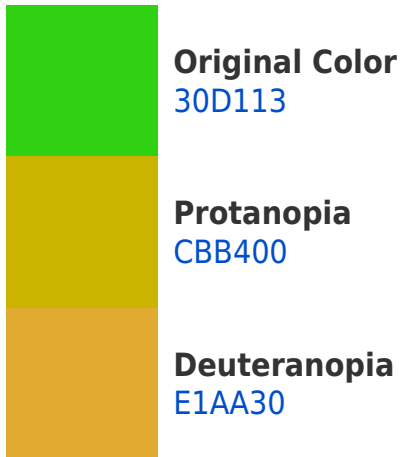


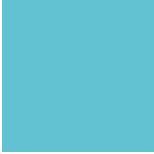
This preview shows how white text looks on a background with the Hex color 30D113.

# 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**  
62C2D2

# Trichromacy



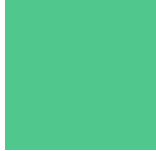
**Original Color**  
30D113



**Protanomaly**  
93BF07

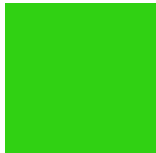


**Deuteranomaly**  
A1B825



**Tritanomaly**  
50C78D

# Monochromacy



**Original Color**  
30D113



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
6AA45F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30D113 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 #30D113 looks like.

```
.text, #text, p{  
    color:#30D113  
}
```

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 #30D113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D113
}
```

## Border

The CSS property to change the border of an element to Hex 30D113 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
#30D113 }
```

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

```
.border{ border-color:#30D113 }
```

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

Here you see how a box with a 4 pixel #30D113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D113; -webkit-box-shadow:4px 4px  
4px 4px #30D113; box-shadow:4px 4px 4px  
4px #30D113 }
```

# Background

The CSS property to change the background color of an element to Hex 30D113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D113 }
```

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

```
.background{ background-color:#30D113 }
```

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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