

Converting Colors

Hex(2DB115)

Have a look what the booklet for
Hex(2DB115) contains.

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Color

Hex(2DB115)

Conversions

Conversions Part 1

Format	Color
Hex	2DB115
RGB	45, 177, 21
RGB Percent	18%, 69%, 8%
CMY	0.8235, 0.3059, 0.9176
CMYK	0.75, 0.00, 0.88, 0.31
HSL	111°, 79%, 39%
HSV	111°, 88%, 69%
XYZ	16.9397, 32.0563, 6.0041
YIQ	119.7480, -28.5960, -76.5000

Conversions

Conversions Part 2

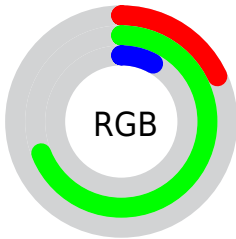
Format	Color
RYB	21, 177, 153
Decimal	2994453
CIELab	63.39, -60.82, 60.75
CIElCh	63, 85.963, 135.030
Yxy	32.0563, 0.3080, 0.5828
Android (android.graphics.Color)	4281184533 (0xFF2DB115)
YUV	119.7480, -48.6828, -65.5540
Hunter-Lab	56.6183, -45.6764, 33.3453

Details

The Hex color **2DB115** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9915B1**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **71EA53**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **1EB103**, and if you desaturate by 10%, it is **3CB127**.

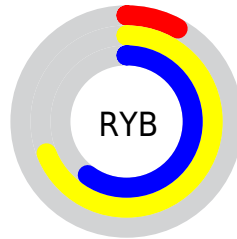
Distribution



Red (18%)

Green (69%)

Blue (8%)



Red (8%)

Yellow (69%)

Blue (60%)

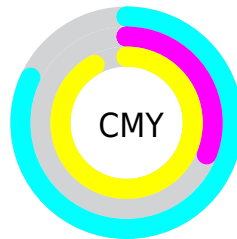


Cyan (75%)

Magenta (0%)

Yellow (88%)

Black (31%)



Cyan (82%)

Magenta (31%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DB115 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 2DB115 by changing the saturation by 10% instead.

 2DB115

 2DB115

FFFFFF

 009600

 71EA53

 007B00

 8FFF6F

 006100

 ADFF8B

 004800

 CBFFA7

 003100

 EAFFC3

 001400

 FFFFEO

 000000

 FFFFFD

 2DB115

 2DB115

 1EB103

 3CB127

 1BB100

 4BB138

 5AB14A

 69B15C

 78B16E

 87B17F

 96B191

 A5B1A3

 B4B1B4

Harmonies

Analogous

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



96A200



2DB115



00B86F

Triad

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



2DB115



00ADFF



FF3B77

Complementary

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



2DB115



9915B1

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.



FF44C3



2DB115



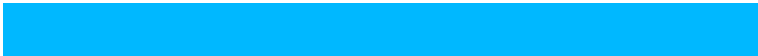
0096FF

Square

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



2DB115



00B8FF



CB70FF



FF622C

Rectangle

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



2DB115



00BAA5



CB70FF



FF3690

Sweetspot

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



2DB115



B3E6AA



B19715



55734F



F2F2F2



737373

Same Dimension

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



2DB115



23E600



15B149



525950



189900



041A00

Inverse Universe

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



9915B1



C200E6



B1157D



585059



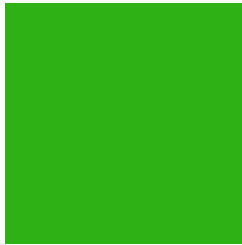
810099



16001A

Previews

White Background



This preview shows how the Hex color 2DB115 looks on a white background.

Color Contrast Check

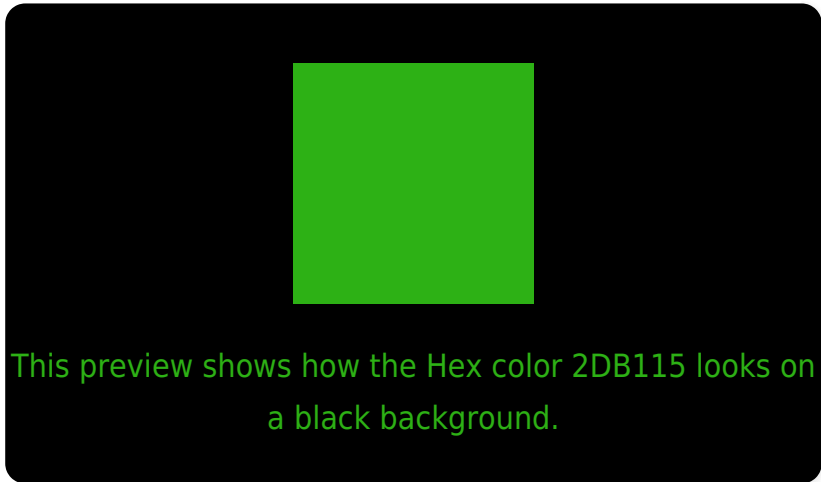
Large Text (above 18pt) WCAG AA × Fail

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

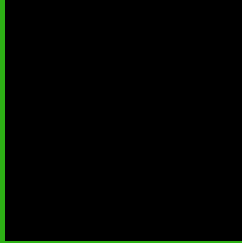
Any Text WCAG AA ✓ Pass

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 2DB115 Background



This preview shows how black text looks on a background with the Hex color 2DB115.

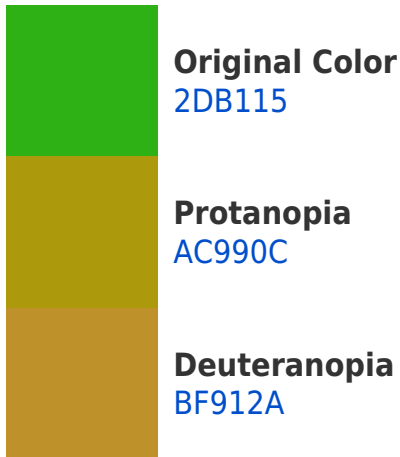


This preview shows how white text looks on a background with the Hex color 2DB115.

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
54A5B2

Trichromacy



Original Color
2DB115



Protanomaly
7EA20F



Deuteranomaly
8A9D22



Tritanomaly
46A979

Monochromacy



Original Color
2DB115



Achromatopsia
787878



Achromatomaly
5D8D54

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DB115 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 #2DB115 looks like.

```
.text, #text, p{  
    color:#2DB115  
}
```

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 #2DB115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DB115
}
```

Border

The CSS property to change the border of an element to Hex 2DB115 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
#2DB115 }
```

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

```
.border{ border-color:#2DB115 }
```

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

Here you see how a box with a 4 pixel #2DB115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DB115; -webkit-box-shadow:4px 4px  
4px 4px #2DB115; box-shadow:4px 4px 4px  
4px #2DB115 }
```

Background

The CSS property to change the background color of an element to Hex 2DB115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DB115 }
```

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

```
.background{ background-color:#2DB115 }
```

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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