

Converting Colors

Hex(2BD95F)

Have a look what the booklet for
Hex(2BD95F) contains.

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Color

Hex(2BD95F)

Conversions

Conversions Part 1

Format	Color
Hex	2BD95F
RGB	43, 217, 95
RGB Percent	17%, 85%, 37%
CMY	0.8314, 0.1490, 0.6275
CMYK	0.80, 0.00, 0.56, 0.15
HSL	138°, 70%, 51%
HSV	138°, 80%, 85%
XYZ	27.8747, 50.9655, 19.1947
YIQ	151.0660, -64.5420, -74.8300

Conversions

Conversions Part 2

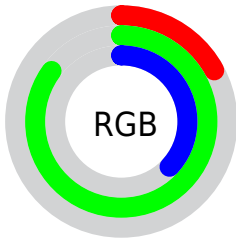
Format	Color
RYB	43, 177, 217
Decimal	2873695
CIELab	76.66, -67.19, 47.61
CIELCh	77, 82.352, 144.679
Yxy	50.9655, 0.2843, 0.5199
Android (android.graphics.Color)	4281063775 (0xFF2BD95F)
YUV	151.0660, -27.6405, -94.7739
Hunter-Lab	71.3901, -55.2364, 34.0318

Details

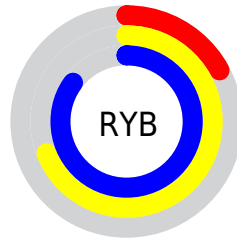
The Hex color **2BD95F** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **D92BA5**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **76FF94**, and **00A02A** is the 20% darker color. If you saturate the color by 10%, you get **15D950**, and if you desaturate by 10%, it is **41D96E**.

Distribution



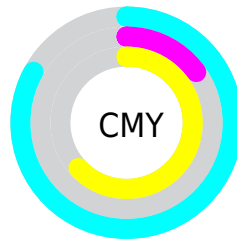
- Red (17%)
- Green (85%)
- Blue (37%)



- Red (17%)
- Yellow (69%)
- Blue (85%)



- Cyan (80%)
- Magenta (0%)
- Yellow (56%)
- Black (15%)



- Cyan (83%)
- Magenta (15%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BD95F 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 2BD95F by changing the saturation by 10% instead.

 2BD95F

 2BD95F

FFFFFF

 00BC45

 76FF94

 00A02A

 96FFB0

 00850A

 B5FFCC

 006B00

 D4FFE9

 005100

 F3FFFF

 003900

 001F00

 000000

 2BD95F

 2BD95F

 15D950

 41D96E

 00D941

 56D97D

 6CD98D

 82D99C

 97D9AB

 ADD9BA

 C3D9CA

 D9D9D9

 EED9E8

Harmonies

Analogous

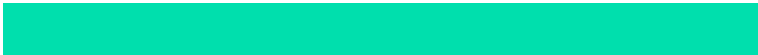
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4CC0F



2BD95F



00DFAD

Triad

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



2BD95F



00CAFF



FF7682

Complementary

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



2BD95F



D92BA5

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.



FF70CE



2BD95F



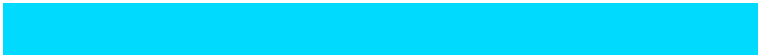
A0AFFF

Square

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



2BD95F



00DAFF



FF8BFF



FF953E

Rectangle

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



2BD95F



00E0E2



FF8BFF



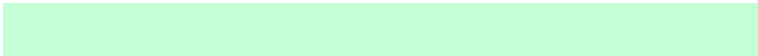
FF709B

Sweetspot

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



2BD95F



C2FFD4



A8D92B



5B8066



000000



808080

Same Dimension

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



2BD95F



0AFF53



2BD9B3



636E66



00AD34



002E0E

Inverse Universe

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



D92BA5



FF0AB6



D92B51



6E636A



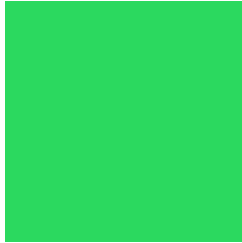
AD007A



2E0020

Previews

White Background



This preview shows how the Hex color 2BD95F 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 2BD95F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

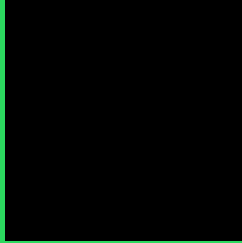
Any Text WCAG AA ✓ Pass

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 2BD95F Background



This preview shows how black text looks on a background with the Hex color 2BD95F.

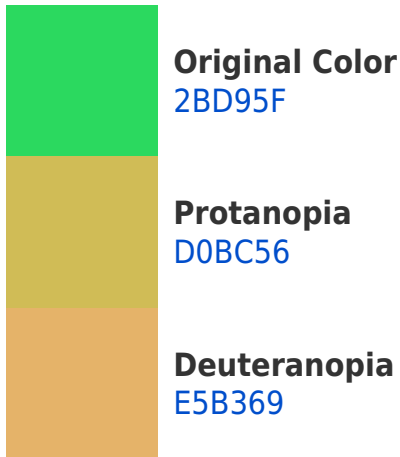


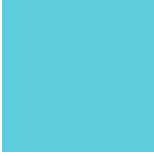
This preview shows how white text looks on a background with the Hex color 2BD95F.

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



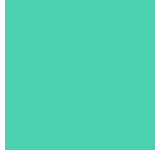
Original Color
2BD95F



Protanomaly
94C759



Deuteranomaly
A1C165



Tritanomaly
4BD1AF

Monochromacy



Original Color
2BD95F



Achromatopsia
979797



Achromatomaly
70AF83

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BD95F 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 #2BD95F looks like.

```
.text, #text, p{  
    color:#2BD95F  
}
```

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 #2BD95F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BD95F
}
```

Border

The CSS property to change the border of an element to Hex 2BD95F 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
#2BD95F }
```

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

```
.border{ border-color:#2BD95F }
```

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

Here you see how a box with a 4 pixel #2BD95F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BD95F; -webkit-box-shadow:4px 4px  
4px 4px #2BD95F; box-shadow:4px 4px 4px  
4px #2BD95F }
```

Background

The CSS property to change the background color of an element to Hex 2BD95F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BD95F }
```

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

```
.background{ background-color:#2BD95F }
```

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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