

Converting Colors

Hex(18DB35)

Have a look what the booklet for
Hex(18DB35) contains.

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Color

Hex(18DB35)

Conversions

Conversions Part 1

Format	Color
Hex	18DB35
RGB	24, 219, 53
RGB Percent	9%, 86%, 21%
CMY	0.9059, 0.1412, 0.7922
CMYK	0.89, 0.00, 0.76, 0.14
HSL	129°, 80%, 48%
HSV	129°, 89%, 86%
XYZ	26.3508, 51.1143, 11.8454
YIQ	141.7710, -62.9340, -92.9660

Conversions

Conversions Part 2

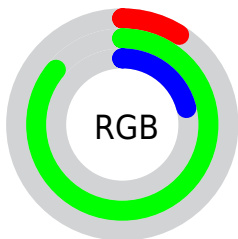
Format	Color
R _Y B	24, 194, 219
Decimal	1628981
CIE Lab	76.75, -73.75, 64.43
CIE LCh	77, 97.932, 138.856
Yxy	51.1143, 0.2950, 0.5723
Android (android.graphics.Color)	4279819061 (0xFF18DB35)
YUV	141.7710, -43.7641, -103.2852
Hunter-Lab	71.4942, -59.3247, 40.2226

Details

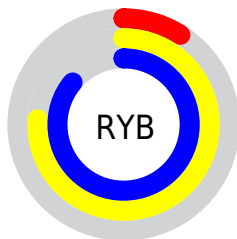
The Hex color **18DB35** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DB18BE**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **71FF6F**, and **00A200** is the 20% darker color. If you saturate the color by 10%, you get **02DB22**, and if you desaturate by 10%, it is **2EDB48**.

Distribution



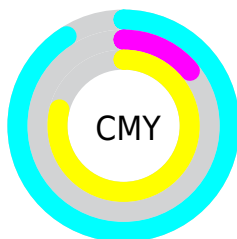
- Red (9%)
- Green (86%)
- Blue (21%)



- Red (9%)
- Yellow (76%)
- Blue (86%)



- Cyan (89%)
- Magenta (0%)
- Yellow (76%)
- Black (14%)



- Cyan (91%)
- Magenta (14%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18DB35 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 18DB35 by changing the saturation by 10% instead.

 18DB35

 18DB35

FFFFFF

 00BE0E

 71FF6F

 00A200

 92FF8B

 008700

 B2FFA7

 006C00

 D2FFC4

 005200

 F1FFE1

 003A00

FFFFFFE

 001F00

 000000

 18DB35

 18DB35

 02DB22

 2EDB48

 00DB21

 44DB5A

 5ADB6D

 70DB80

 85DB92

 9BDBA5

 B1DBB8

 C7DBCA

 DDDBDD

Harmonies

Analogous

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



AECA00



18DB35



00E397

Triad

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



18DB35



00D2FF



FF5589

Complementary

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



18DB35



DB18BE

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.



FF56E3



18DB35



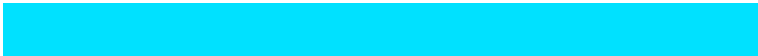
59B4FF

Square

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



18DB35



00E1FF



FF87FF



FF8330

Rectangle

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



18DB35



00E5D7



FF87FF



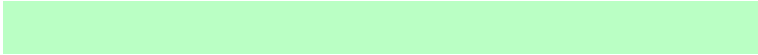
FF4DA7

Sweetspot

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



18DB35



BAFFC4



C1DB18



57805D



000000



808080

Same Dimension

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



18DB35



00FF26



18DB93



636E64



00AD1A



002E07

Inverse Universe

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



DB18BE



FF00D9



DB1860



6E636C



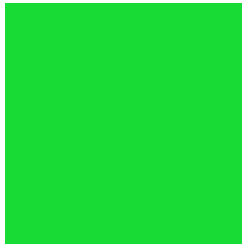
AD0094



2E0027

Previews

White Background



This preview shows how the Hex color 18DB35 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 18DB35 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 18DB35 Background



This preview shows how black text looks on a background with the Hex color 18DB35.

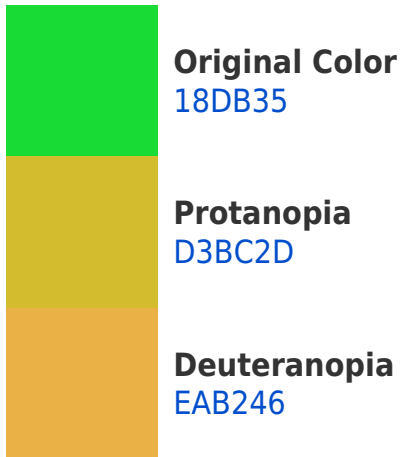


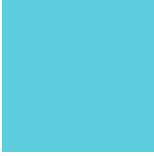
This preview shows how white text looks on a background with the Hex color 18DB35.

Color Blindness Simulation

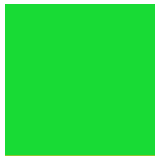
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
18DB35



Protanomaly
8FC730



Deuteranomaly
9EC140



Tritanomaly
44D1A0

Monochromacy



Original Color
18DB35



Achromatopsia
8E8E8E



Achromatomaly
63AA6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 18DB35 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 #18DB35 looks like.

```
.text, #text, p{  
    color:#18DB35  
}
```

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 #18DB35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18DB35
}
```

Border

The CSS property to change the border of an element to Hex 18DB35 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
#18DB35 }
```

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

```
.border{ border-color:#18DB35 }
```

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

Here you see how a box with a 4 pixel #18DB35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18DB35; -webkit-box-shadow:4px 4px  
4px 4px #18DB35; box-shadow:4px 4px 4px  
4px #18DB35 }
```

Background

The CSS property to change the background color of an element to Hex 18DB35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18DB35 }
```

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

```
.background{ background-color:#18DB35 }
```

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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