

Converting Colors

Hex(4DB545)

Have a look what the booklet for
Hex(4DB545) contains.

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Color

Hex(4DB545)

Conversions

Conversions Part 1

Format	Color
Hex	4DB545
RGB	77, 181, 69
RGB Percent	30%, 71%, 27%
CMY	0.6980, 0.2902, 0.7294
CMYK	0.57, 0.00, 0.62, 0.29
HSL	116°, 45%, 49%
HSV	116°, 62%, 71%
XYZ	20.6586, 35.0552, 11.3077
YIQ	137.1360, -26.0320, -56.8800

Conversions

Conversions Part 2

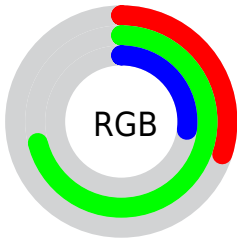
Format	Color
RYB	69, 181, 173
Decimal	5092677
CIELab	65.79, -51.93, 47.01
CIELCh	66, 70.045, 137.844
Yxy	35.0552, 0.3082, 0.5230
Android (android.graphics.Color)	4283282757 (0xFF4DB545)
YUV	137.1360, -33.5910, -52.7393
Hunter-Lab	59.2074, -41.3309, 30.1217

Details

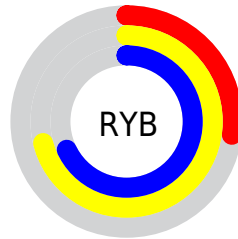
The Hex color **4DB545** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AD45B5**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **87EE79**, and **007F0C** is the 20% darker color. If you saturate the color by 10%, you get **3CB533**, and if you desaturate by 10%, it is **5EB557**.

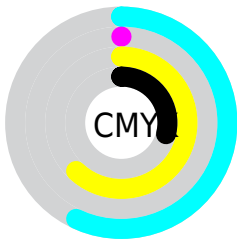
Distribution



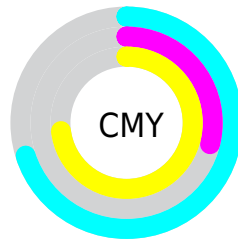
- Red (30%)
- Green (71%)
- Blue (27%)



- Red (27%)
- Yellow (71%)
- Blue (68%)



- Cyan (57%)
- Magenta (0%)
- Yellow (62%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DB545 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 4DB545 by changing the saturation by 10% instead.



4DB545



4DB545

FFFFFF



2D9A2B



87EE79



007F0C



A4FF94



006500



C1FFB0



004C00



DFFFCC



003400



FDFFE8



001D00



000000



4DB545



4DB545



3CB533



5EB557

 2BB521

 6FB569

 1BB50F

 7FB57B

 0DB500

 90B58D

 A1B5A0

 B2B5B2

 C3B5C4

 D3B5D6

 E4B5E8

Harmonies

Analogous

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



9BA80A



4DB545



00BC83

Triad

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



4DB545



00AEFF



FF637D

Complementary

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



4DB545



AD45B5

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.



FF65BC



4DB545



699AFF

Square

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



4DB545



00B9FC



D17EF5



FD7944

Rectangle

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



4DB545



00BDAF



D17EF5



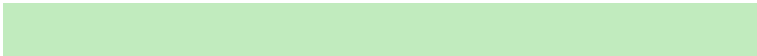
FF6092

Sweetspot

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



4DB545



C1EBBE



B5AC45



5C755A



F5F5F5



757575

Same Dimension

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



4DB545



49EB3D



45B574



515950



0B9900



021A00

Inverse Universe

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



AD45B5



DE3DEB



B54586



595059



8E0099



18001A

Previews

White Background



This preview shows how the Hex color 4DB545 looks on a white background.

Color Contrast Check

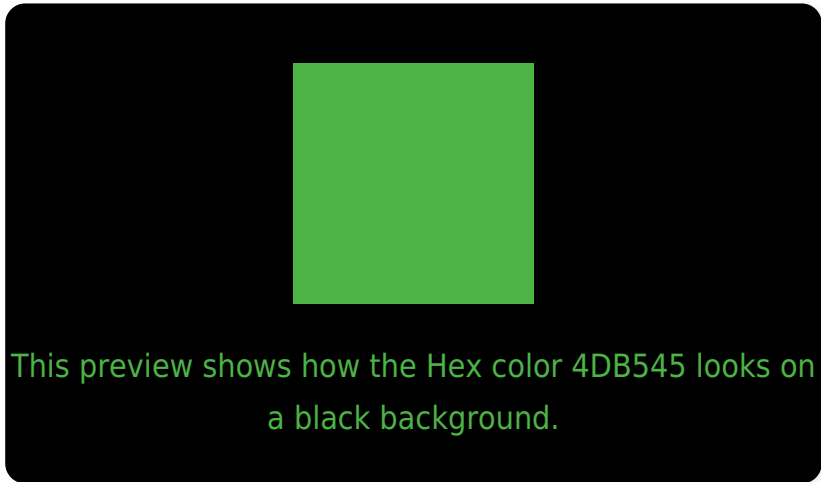
Large Text (above 18pt) WCAG AA × Fail

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 4DB545 Background



This preview shows how black text looks on a background with the Hex color 4DB545.

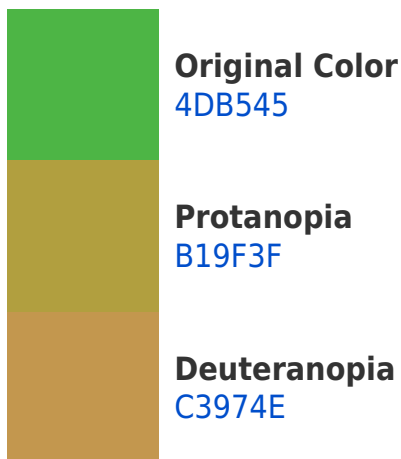


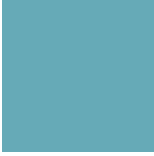
This preview shows how white text looks on a background with the Hex color 4DB545.

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](#).

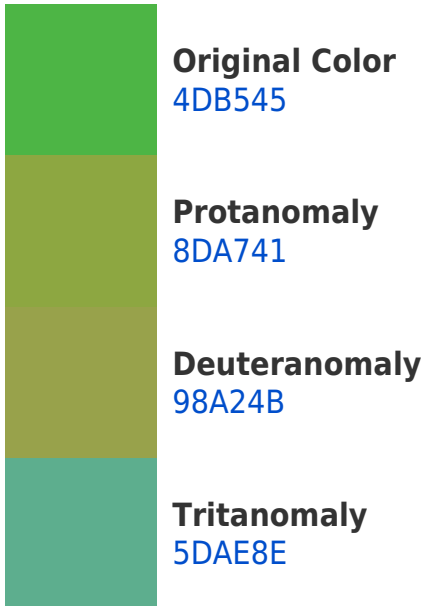
Dichromacy



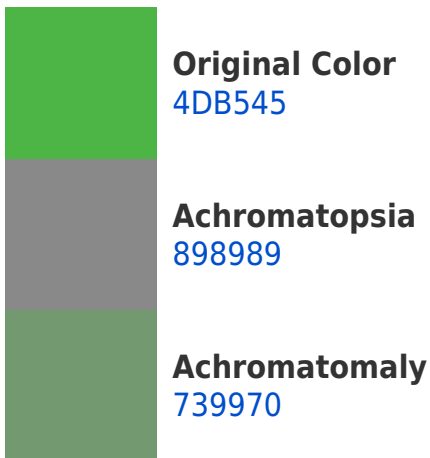


Tritanopia
66AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DB545 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 #4DB545 looks like.

```
.text, #text, p{  
    color:#4DB545  
}
```

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 #4DB545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB545
}
```

Border

The CSS property to change the border of an element to Hex 4DB545 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
#4DB545 }
```

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

```
.border{ border-color:#4DB545 }
```

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

Here you see how a box with a 4 pixel #4DB545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB545; -webkit-box-shadow:4px 4px  
4px 4px #4DB545; box-shadow:4px 4px 4px  
4px #4DB545 }
```

Background

The CSS property to change the background color of an element to Hex 4DB545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB545 }
```

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

```
.background{ background-color:#4DB545 }
```

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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