

Converting Colors

Hex(4DBE57)

Have a look what the booklet for
Hex(4DBE57) contains.

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Color

Hex(4DBE57)

Conversions

Conversions Part 1

Format	Color
Hex	4DBE57
RGB	77, 190, 87
RGB Percent	30%, 75%, 34%
CMY	0.6980, 0.2549, 0.6588
CMYK	0.59, 0.00, 0.54, 0.25
HSL	125°, 47%, 52%
HSV	125°, 59%, 75%
XYZ	23.1943, 39.0928, 15.3400
YIQ	144.4710, -34.2850, -55.9890

Conversions

Conversions Part 2

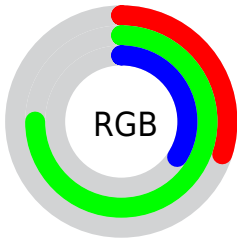
Format	Color
RYB	77, 181, 190
Decimal	5094999
CIELab	68.82, -53.14, 42.17
CIElCh	69, 67.843, 141.568
Yxy	39.0928, 0.2988, 0.5036
Android (android.graphics.Color)	4283285079 (0xFF4DBE57)
YUV	144.4710, -28.3332, -59.1721
Hunter-Lab	62.5242, -43.2001, 29.2205

Details

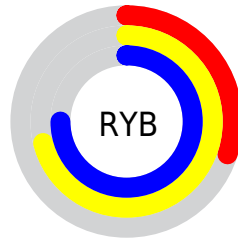
The Hex color **4DBE57** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BE4DB4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **88F78B**, and **008724** is the 20% darker color. If you saturate the color by 10%, you get **3ABE46**, and if you desaturate by 10%, it is **60BE68**.

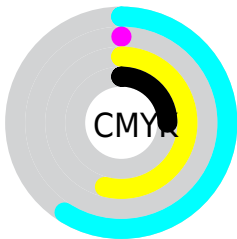
Distribution



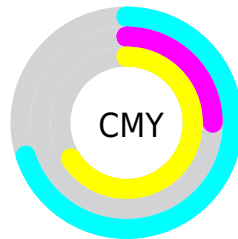
- Red (30%)
- Green (75%)
- Blue (34%)



- Red (30%)
- Yellow (71%)
- Blue (75%)



- Cyan (59%)
- Magenta (0%)
- Yellow (54%)
- Black (25%)



- Cyan (70%)
- Magenta (25%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DBE57 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 4DBE57 by changing the saturation by 10% instead.

 4DBE57

 4DBE57

FFFFFF

 2BA23E

 88F78B

 008724

 A5FFA6

 006D06

 C2FFC2

 005400

 E0FFDE

 003B00

 FEFFFF

 002500

 000000

 4DBE57

 4DBE57

 3ABE46

 60BE68

 27BE34

 73BE7A

 14BE23

 86BE8B

 01BE12

 99BE9C

 00BE11

 ACBEAE

 BFBEBF

 D2BED0

 E5BEE2

 F8BEF3

Harmonies

Analogous

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



9CB226



4DBE57



00C494

Triad

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



4DBE57



00B4FF



FF707E

Complementary

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



4DBE57



BE4DB4

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.



FF6FBC



4DBE57



889FFF

Square

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



4DBE57



00C0FF



E184F5



FF8648

Rectangle

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



4DBE57



00C5BF



E184F5



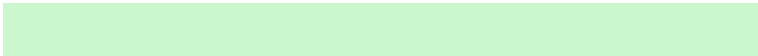
FF6D93

Sweetspot

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



4DBE57



CBF7CF



B5BE4D



617D64



FCFCFC



7D7D7D

Same Dimension

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



4DBE57



48F757



4DBE8F



555E56



009E0E



001F03

Inverse Universe

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



BE4DB4



F748E8



BE4D7C



5E555E



9E0090



1F001C

Previews

White Background



This preview shows how the Hex color 4DBE57 looks on a white background.

Color Contrast Check

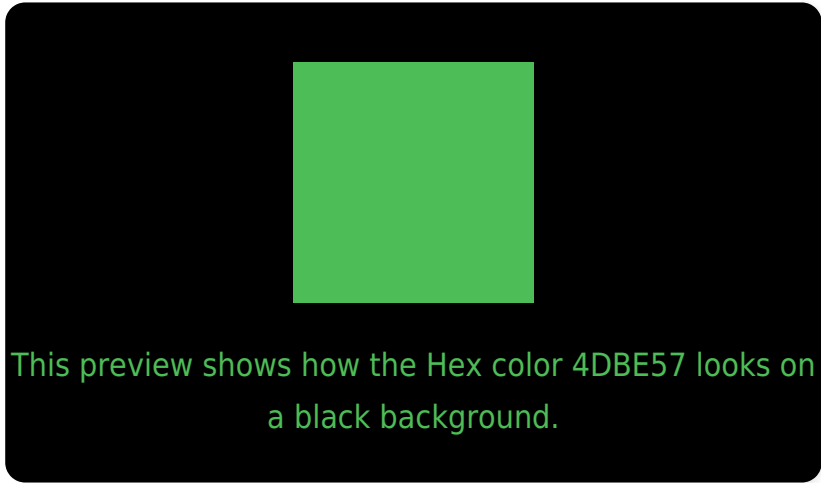
Large Text (above 18pt) WCAG AA × Fail

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

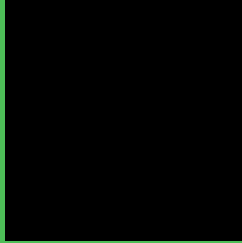
Any Text WCAG AA ✓ Pass

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 4DBE57 Background



This preview shows how black text looks on a background with the Hex color 4DBE57.

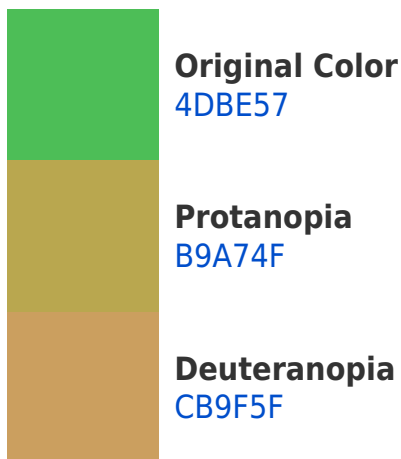


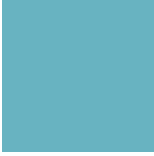
This preview shows how white text looks on a background with the Hex color 4DBE57.

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
68B3C1

Trichromacy



Original Color
4DBE57



Protanomaly
92AF52



Deuteranomaly
9DAA5C



Tritanomaly
5EB79A

Monochromacy



Original Color
4DBE57



Achromatopsia
909090



Achromatomaly
78A17B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DBE57 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 #4DBE57 looks like.

```
.text, #text, p{  
    color:#4DBE57  
}
```

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 #4DBE57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DBE57
}
```

Border

The CSS property to change the border of an element to Hex 4DBE57 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
#4DBE57 }
```

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

```
.border{ border-color:#4DBE57 }
```

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

Here you see how a box with a 4 pixel #4DBE57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DBE57; -webkit-box-shadow:4px 4px  
4px 4px #4DBE57; box-shadow:4px 4px 4px  
4px #4DBE57 }
```

Background

The CSS property to change the background color of an element to Hex 4DBE57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DBE57 }
```

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

```
.background{ background-color:#4DBE57 }
```

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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