

Converting Colors

Hex(4DBE0E)

Have a look what the booklet for
Hex(4DBE0E) contains.

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Color

Hex(4DBE0E)

Conversions

Conversions Part 1

Format	Color
Hex	4DBE0E
RGB	77, 190, 14
RGB Percent	30%, 75%, 5%
CMY	0.6980, 0.2549, 0.9451
CMYK	0.59, 0.00, 0.93, 0.25
HSL	99°, 86%, 40%
HSV	99°, 93%, 75%
XYZ	21.5533, 38.4364, 6.6985
YIQ	136.1490, -10.8520, -78.6920

Conversions

Conversions Part 2

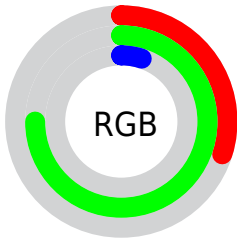
Format	Color
RYB	14, 190, 127
Decimal	5094926
CIELab	68.34, -58.64, 66.46
CIELCh	68, 88.631, 131.420
Yxy	38.4364, 0.3232, 0.5764
Android (android.graphics.Color)	4283285006 (0xFF4DBE0E)
YUV	136.1490, -60.2195, -51.8737
Hunter-Lab	61.9971, -46.4394, 36.9920

Details

The Hex color **4DBE0E** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7F0EBE**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8BF753**, and **008700** is the 20% darker color. If you saturate the color by 10%, you get **44BE00**, and if you desaturate by 10%, it is **59BE21**.

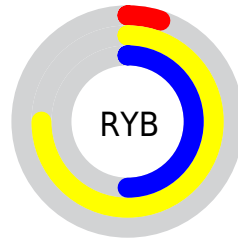
Distribution



Red (30%)

Green (75%)

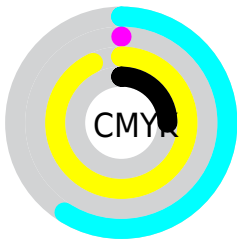
Blue (5%)



Red (5%)

Yellow (75%)

Blue (50%)

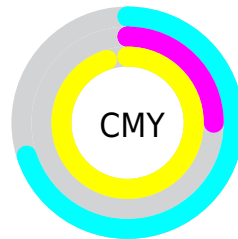


Cyan (59%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (70%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DBE0E 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 4DBE0E by changing the saturation by 10% instead.

 4DBE0E

 4DBE0E

FFFFFF

 28A200

 8BF753

 008700

 A8FF6F

 006D00

 C6FF8C

 005400

 E4FFA8

 003B00

 FFFFC5

 002400

 FFFFE2

 000000

 4DBE0E

 4DBE0E

 44BE00

 59BE21

 65BE34

 72BE47

 7EBE5A

 8ABE6D

 96BE80

 A2BE93

 AFBEA6

 BBBEB9

Harmonies

Analogous

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



ADAD00



4DBE0E



00C770

Triad

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



4DBE0E



00BDFE



FF458C

Complementary

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



4DBE0E



7F0EBE

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.



FF55DC



4DBE0E



00A7FF

Square

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



4DBE0E



00C8FF



CE81FF



FF683F

Rectangle

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



4DBE0E



00C9A8



CE81FF



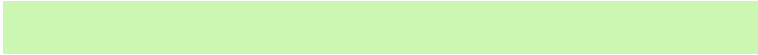
FF43A6

Sweetspot

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



4DBE0E



CBF7B2



BE7D0E



627D52



FCFCFC



7D7D7D

Same Dimension

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



4DBE0E



59F700



0EBE25



585E55



399E00



0B1F00

Inverse Universe

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



7F0EBE



9F00F7



BE0EA7



5B555E



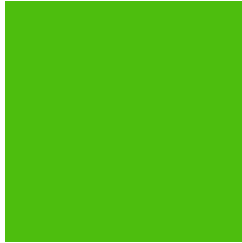
66009E



14001F

Previews

White Background



This preview shows how the Hex color 4DBE0E looks on a white background.

Color Contrast Check

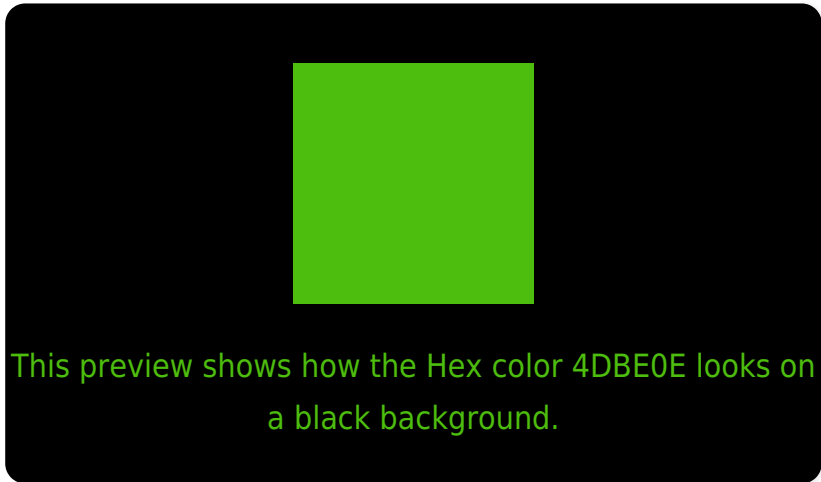
Large Text (above 18pt) WCAG AA × Fail

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 4DBE0E Background



This preview shows how black text looks on a background with the Hex color 4DBE0E.



This preview shows how white text looks on a background with the Hex color 4DBE0E.

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](#).

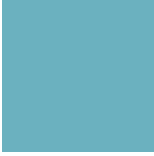
Dichromacy



Original Color
4DBE0E

Protanopia
BBA600

Deuteranopia
D09D2A



Tritanopia
6BB1BF

Trichromacy



Original Color
4DBE0E



Protanomaly
93AF05



Deuteranomaly
A0A920



Tritanomaly
60B67F

Monochromacy



Original Color
4DBE0E



Achromatopsia
888888



Achromatomaly
739C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DBE0E 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 #4DBE0E looks like.

```
.text, #text, p{  
    color:#4DBE0E  
}
```

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 #4DBE0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DBE0E
}
```

Border

The CSS property to change the border of an element to Hex 4DBE0E 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
#4DBE0E }
```

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

```
.border{ border-color:#4DBE0E }
```

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

Here you see how a box with a 4 pixel #4DBE0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DBE0E; -webkit-box-shadow:4px 4px  
4px 4px #4DBE0E; box-shadow:4px 4px 4px  
4px #4DBE0E }
```

Background

The CSS property to change the background color of an element to Hex 4DBE0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DBE0E }
```

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

```
.background{ background-color:#4DBE0E }
```

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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