

Converting Colors

Hex(10DD4B)

Have a look what the booklet for
Hex(10DD4B) contains.

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Color

Hex(10DD4B)

Conversions

Conversions Part 1

Format	Color
Hex	10DD4B
RGB	16, 221, 75
RGB Percent	6%, 87%, 29%
CMY	0.9373, 0.1333, 0.7059
CMYK	0.93, 0.00, 0.66, 0.13
HSL	137°, 86%, 46%
HSV	137°, 93%, 87%
XYZ	27.3401, 52.3311, 15.3165
YIQ	143.0610, -75.3140, -88.8660

Conversions

Conversions Part 2

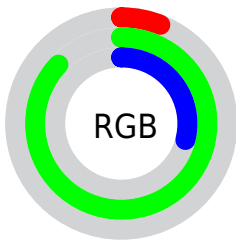
Format	Color
RYB	16, 175, 221
Decimal	1105227
CIELab	77.48, -72.87, 57.15
CIELCh	77, 92.607, 141.890
Yxy	52.3311, 0.2878, 0.5509
Android (android.graphics.Color)	4279295307 (0xFF10DD4B)
YUV	143.0610, -33.5541, -111.4325
Hunter-Lab	72.3402, -59.1334, 38.0847

Details

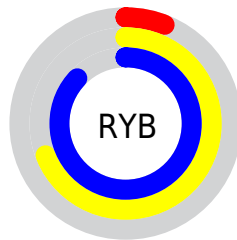
The Hex color **10DD4B** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DD10A2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6FFF82**, and **00A409** is the 20% darker color. If you saturate the color by 10%, you get **00DD40**, and if you desaturate by 10%, it is **26DD5B**.

Distribution



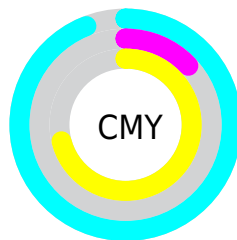
- Red (6%)
- Green (87%)
- Blue (29%)



- Red (6%)
- Yellow (69%)
- Blue (87%)



- Cyan (93%)
- Magenta (0%)
- Yellow (66%)
- Black (13%)



- Cyan (94%)
- Magenta (13%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10DD4B 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 10DD4B by changing the saturation by 10% instead.

 10DD4B

 10DD4B

FFFFFF

 00C02F

 6FFF82

 00A409

 90FF9D

 008900

 B0FFB9

 006E00

 CFFFD6

 005400

 EFFFF3

 003C00

 002100

 000000

 10DD4B

 10DD4B

 00DD40

 26DD5B

 3CDD6A

 52DD7A

 68DD8A

 7FDD9A

 95DDA9

 ABDDB9

 C1DDC9

 D7DDD9

Harmonies

Analogous

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



A9CE00



10DD4B



00E4A4

Triad

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



10DD4B



00D1FF



FF6685

Complementary

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



10DD4B



DD10A2

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.



FF61DB



10DD4B



85B3FF

Square

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



10DD4B



00E1FF



FF88FF



FF8D33

Rectangle

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



10DD4B



00E6E0



FF88FF



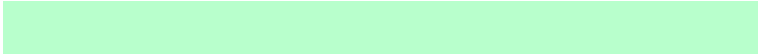
FF5EA1

Sweetspot

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



10DD4B



B8FFCC



A3DD10



548061



000000



808080

Same Dimension

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



10DD4B



00FF49



10DDB1



636E66



00AD32



002E0D

Inverse Universe

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



DD10A2



FF00B6



DD103C



6E636A



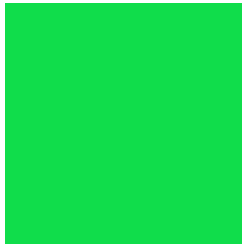
AD007B



2E0021

Previews

White Background



This preview shows how the Hex color 10DD4B looks on a white background.

Color Contrast Check

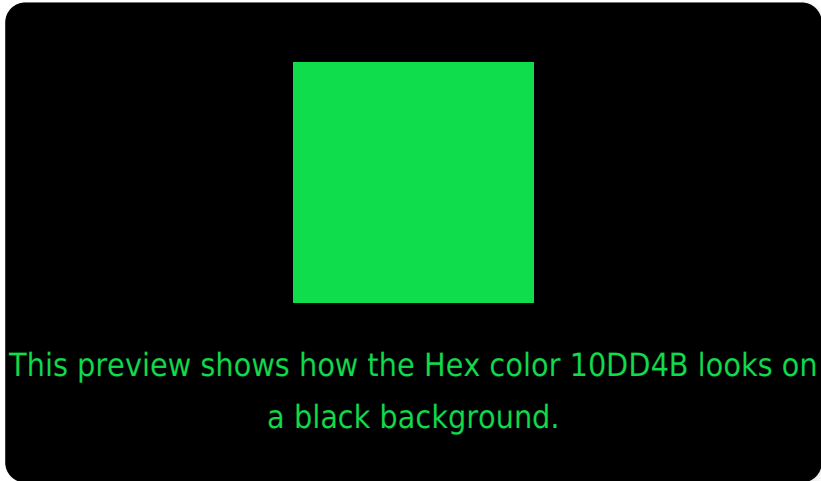
Large Text (above 18pt) WCAG AA × Fail

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 10DD4B Background



This preview shows how black text looks on a background with the Hex color 10DD4B.

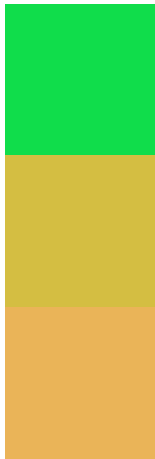


This preview shows how white text looks on a background with the Hex color 10DD4B.

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](#).

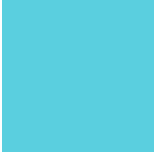
Dichromacy



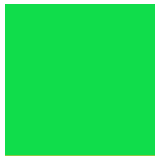
Original Color
10DD4B

Protanopia
D4BE42

Deuteranopia
EAB458



Trichromacy



Original Color

10DD4B



Protanomaly

8DC945



Deuteranomaly

9BC353



Tritanomaly

3FD4A9

Monochromacy



Original Color

10DD4B



Achromatopsia

8F8F8F



Achromatomaly

61AB76

CSS Examples

Text

The CSS property to change the color of the text to Hex 10DD4B 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 #10DD4B looks like.

```
.text, #text, p{  
    color:#10DD4B  
}
```

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 #10DD4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10DD4B
}
```

Border

The CSS property to change the border of an element to Hex 10DD4B 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
#10DD4B }
```

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

```
.border{ border-color:#10DD4B }
```

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

Here you see how a box with a 4 pixel #10DD4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10DD4B; -webkit-box-shadow:4px 4px  
4px 4px #10DD4B; box-shadow:4px 4px 4px  
4px #10DD4B }
```

Background

The CSS property to change the background color of an element to Hex 10DD4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10DD4B }
```

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

```
.background{ background-color:#10DD4B }
```

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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