

Converting Colors

Hex(10CF6B)

Have a look what the booklet for
Hex(10CF6B) contains.

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Color

Hex(10CF6B)

Conversions

Conversions Part 1

Format	Color
Hex	10CF6B
RGB	16, 207, 107
RGB Percent	6%, 81%, 42%
CMY	0.9373, 0.1882, 0.5804
CMYK	0.92, 0.00, 0.48, 0.19
HSL	149°, 86%, 44%
HSV	149°, 92%, 81%
XYZ	25.1804, 45.7973, 21.4225
YIQ	138.4910, -81.7360, -71.5920

Conversions

Conversions Part 2

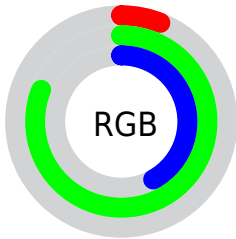
Format	Color
RYB	16, 145, 207
Decimal	1101675
CIELab	73.41, -64.28, 37.84
CIELCh	73, 74.587, 149.516
Yxy	45.7973, 0.2725, 0.4956
Android (android.graphics.Color)	4279291755 (0xFF10CF6B)
YUV	138.4910, -15.5251, -107.4246
Hunter-Lab	67.6737, -52.0119, 28.6030

Details

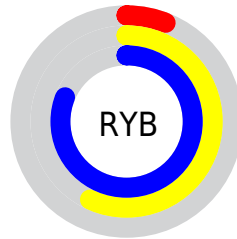
The Hex color **10CF6B** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CF1074**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **69FFA0**, and **009739** is the 20% darker color. If you saturate the color by 10%, you get **00CF63**, and if you desaturate by 10%, it is **25CF76**.

Distribution



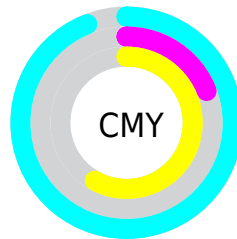
- Red (6%)
- Green (81%)
- Blue (42%)



- Red (6%)
- Yellow (57%)
- Blue (81%)



- Cyan (92%)
- Magenta (0%)
- Yellow (48%)
- Black (19%)



- Cyan (94%)
- Magenta (19%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10CF6B 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 10CF6B by changing the saturation by 10% instead.

 10CF6B

 10CF6B

FFFFFF

 00B352

 69FFA0

 009739

 8AFFBB

 007C20

 A9FFD7

 006203

 C8FFF4

 004800

 E7FFFF

 003100

 001400

 000000

 10CF6B

 10CF6B

 00CF63

 25CF76

 39CF81

 4ECF8C

 63CF96

 78CFA1

 8CCFAC

 A1CFB7

 B6CFC2

 CACFCD

Harmonies

Analogous

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



93C42E



10CF6B



00D4B1

Triad

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



10CF6B



00BDFE



FF7A75

Complementary

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



10CF6B



CF1074

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.



FF70B8



10CF6B



B0A3FF

Square

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



10CF6B



00CDFE



FF84FB



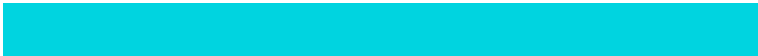
FF963B

Rectangle

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



10CF6B



00D4E0



FF84FB



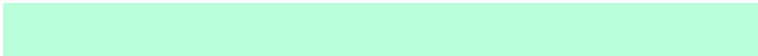
FF748B

Sweetspot

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



10CF6B



B8FFDA



76CF10



548069



000000



808080

Same Dimension

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



10CF6B



00FF79



10CFC9



5E6963



00A850



002913

Inverse Universe

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



CF1074



FF0086



CF1016



695E64



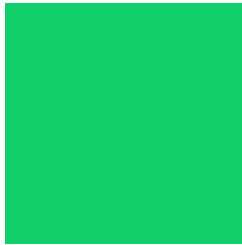
A80058



290015

Previews

White Background



This preview shows how the Hex color 10CF6B 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 10CF6B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

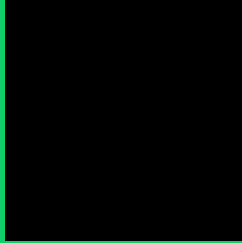
Any Text WCAG AA ✓ Pass

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 10CF6B Background



This preview shows how black text looks on a background with the Hex color 10CF6B.

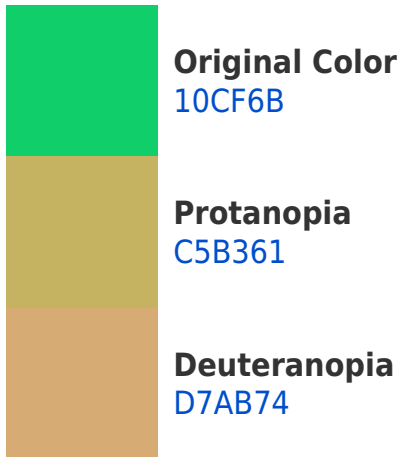


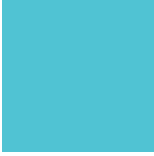
This preview shows how white text looks on a background with the Hex color 10CF6B.

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
50C3D3

Trichromacy



Original Color
10CF6B



Protanomaly
83BD65



Deuteranomaly
8FB871



Tritanomaly
39C7AD

Monochromacy



Original Color
10CF6B



Achromatopsia
8A8A8A



Achromatomaly
5EA37F

CSS Examples

Text

The CSS property to change the color of the text to Hex 10CF6B 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 #10CF6B looks like.

```
.text, #text, p{  
    color:#10CF6B  
}
```

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 #10CF6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10CF6B
}
```

Border

The CSS property to change the border of an element to Hex 10CF6B 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
#10CF6B }
```

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

```
.border{ border-color:#10CF6B }
```

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

Here you see how a box with a 4 pixel #10CF6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10CF6B; -webkit-box-shadow:4px 4px  
4px 4px #10CF6B; box-shadow:4px 4px 4px  
4px #10CF6B }
```

Background

The CSS property to change the background color of an element to Hex 10CF6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10CF6B }
```

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

```
.background{ background-color:#10CF6B }
```

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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