

Converting Colors

Hex(16C074)

Have a look what the booklet for
Hex(16C074) contains.

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Color

Hex(16C074)

Conversions

Conversions Part 1

Format	Color
Hex	16C074
RGB	22, 192, 116
RGB Percent	9%, 75%, 45%
CMY	0.9137, 0.2471, 0.5451
CMYK	0.89, 0.00, 0.40, 0.25
HSL	153°, 79%, 42%
HSV	153°, 89%, 75%
XYZ	22.3329, 39.1308, 22.8989
YIQ	132.5060, -76.9240, -59.6760

Conversions

Conversions Part 2

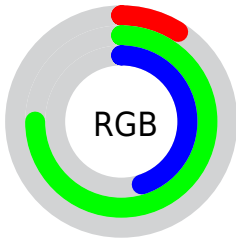
Format	Color
R_{YB}	22, 131, 192
Decimal	1491060
CIE _{Lab}	68.85, -57.18, 27.35
CIE _{LCh}	69, 63.384, 154.438
Yxy	39.1308, 0.2647, 0.4638
Android (android.graphics.Color)	4279681140 (0xFF16C074)
YUV	132.5060, -8.1375, -96.9138
Hunter-Lab	62.5546, -45.7435, 22.0844

Details

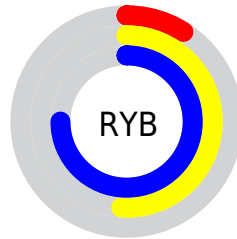
The Hex color **16C074** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C01662**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **67FAA9**, and **008943** is the 20% darker color. If you saturate the color by 10%, you get **03C06B**, and if you desaturate by 10%, it is **29C07D**.

Distribution



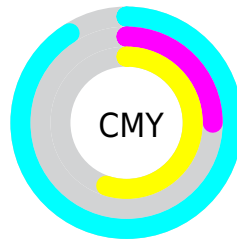
- Red (9%)
- Green (75%)
- Blue (45%)



- Red (9%)
- Yellow (51%)
- Blue (75%)



- Cyan (89%)
- Magenta (0%)
- Yellow (40%)
- Black (25%)



- Cyan (91%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16C074 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 16C074 by changing the saturation by 10% instead.

 16C074

 16C074

FFFFFF

 00A45B

 67FAA9

 008943

 86FFC4

 006F2B

 A5FFE0

 005514

 C3FFFD

 003C00

 E1FFFF

 002500

 000000

 16C074

 16C074

 03C06B

 29C07D

■ 00C06A

■ 3CC085

■ 50C08E

■ 63C096

■ 76C09F

■ 89C0A8

■ 9CC0B0

■ B0C0B9

■ C3C0C1

Harmonies

Analogous

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



83B742



16C074



00C4AF

Triad

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



16C074



30ACFF



FF7D6A

Complementary

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



16C074



C01662

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.



FF72A2



16C074



B595FF

Square

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



16C074



00BBFF



F47DDB



ED933E

Rectangle

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



16C074



00C3D6



F47DDB



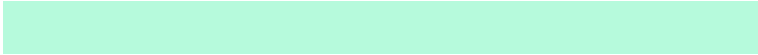
FF777C

Sweetspot

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



16C074



B6FADC



62C016



557D6B



FCFCFC



7D7D7D

Same Dimension

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



16C074



00FA8A



16B8C0



57615D



00A159



002112

Inverse Universe

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



C01662



FA0070



C01F16



61575C



A10048



21000F

Previews

White Background



This preview shows how the Hex color 16C074 looks on a white background.

Color Contrast Check

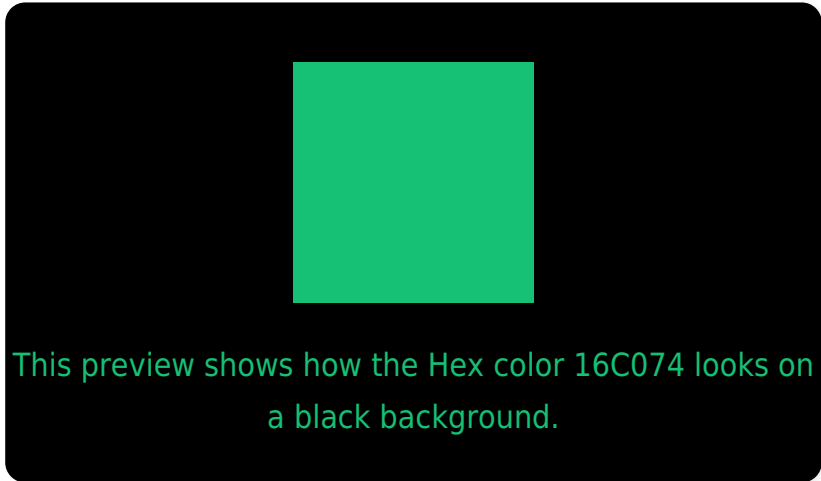
Large Text (above 18pt) WCAG AA × Fail

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

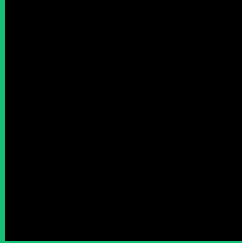
Any Text WCAG AA ✓ Pass

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 16C074 Background



This preview shows how black text looks on a background with the Hex color 16C074.

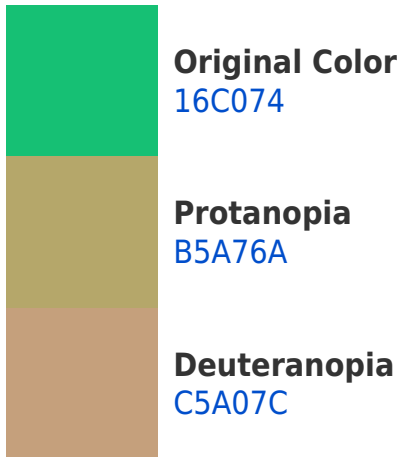


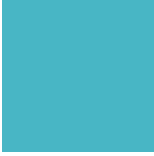
This preview shows how white text looks on a background with the Hex color 16C074.

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
48B6C5

Trichromacy



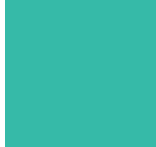
Original Color
16C074



Protanomaly
7BB06E



Deuteranomaly
85AC79



Tritanomaly
36BAA8

Monochromacy



Original Color
16C074



Achromatopsia
858585



Achromatomaly
5D9A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 16C074 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 #16C074 looks like.

```
.text, #text, p{  
    color:#16C074  
}
```

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 #16C074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16C074
}
```

Border

The CSS property to change the border of an element to Hex 16C074 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
#16C074 }
```

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

```
.border{ border-color:#16C074 }
```

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

Here you see how a box with a 4 pixel #16C074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16C074; -webkit-box-shadow:4px 4px  
4px 4px #16C074; box-shadow:4px 4px 4px  
4px #16C074 }
```

Background

The CSS property to change the background color of an element to Hex 16C074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16C074 }
```

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

```
.background{ background-color:#16C074 }
```

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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