

Converting Colors

Hex(16E16B)

Have a look what the booklet for
Hex(16E16B) contains.

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Color

Hex(16E16B)

Conversions

Conversions Part 1

Format	Color
Hex	16E16B
RGB	22, 225, 107
RGB Percent	9%, 88%, 42%
CMY	0.9137, 0.1176, 0.5804
CMYK	0.90, 0.00, 0.52, 0.12
HSL	145°, 82%, 48%
HSV	145°, 90%, 88%
XYZ	29.9099, 55.0825, 22.9655
YIQ	150.8510, -83.1100, -79.7340

Conversions

Conversions Part 2

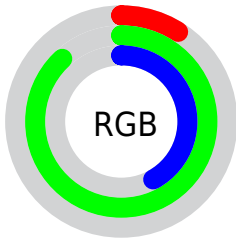
Format	Color
R_{YB}	22, 165, 225
Decimal	1499499
CIE _{Lab}	79.09, -69.77, 44.89
CIE _{LCh}	79, 82.970, 147.242
Yxy	55.0825, 0.2771, 0.5102
Android (android.graphics.Color)	4279689579 (0xFF16E16B)
YUV	150.8510, -21.6185, -113.0023
Hunter-Lab	74.2176, -57.9448, 33.6059

Details

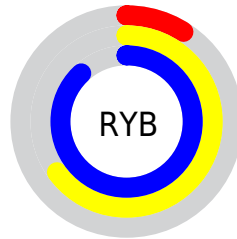
The Hex color **16E16B** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E1168C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **70FFA1**, and **00A837** is the 20% darker color. If you saturate the color by 10%, you get **00E15E**, and if you desaturate by 10%, it is **2DE178**.

Distribution



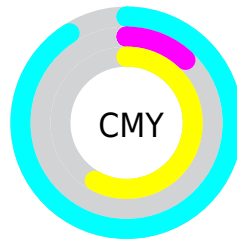
- Red (9%)
- Green (88%)
- Blue (42%)



- Red (9%)
- Yellow (65%)
- Blue (88%)



- Cyan (90%)
- Magenta (0%)
- Yellow (52%)
- Black (12%)



- Cyan (91%)
- Magenta (12%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16E16B 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 16E16B by changing the saturation by 10% instead.

 16E16B

 16E16B

FFFFFF

 00C451

 70FFA1

 00A837

 91FFBC

 008C1C

 B1FFD9

 007200

 D0FFF6

 005700

 EFFFFFFF

 003F00

 002600

 000000

 16E16B

 16E16B

 00E15E

 2DE178

 43E185

 5AE192

 70E19F

 87E1AC

 9DE1B9

 B4E1C7

 CAE1D4

 E1E1E1

Harmonies

Analogous

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



A4D421



16E16B



00E7BA

Triad

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



16E16B



00CFFF



FF7F82

Complementary

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



16E16B



E1168C

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.



FF75CE



16E16B



B4B2FF

Square

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



16E16B



00E0FF



FF8EFF



FF9F3E

Rectangle

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



16E16B



00E8EF



FF8EFF



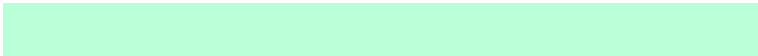
FF789B

Sweetspot

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



16E16B



BAFFD7



8CE116



578068



000000



808080

Same Dimension

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



16E16B



00FF6B



16E1D0



65706A



00B04A



003014

Inverse Universe

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



E1168C



FF0094



E11627



70656C



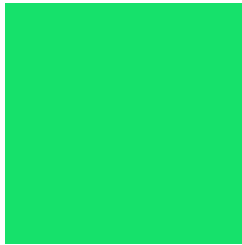
B00066



30001C

Previews

White Background



This preview shows how the Hex color 16E16B 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 16E16B 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 16E16B Background



This preview shows how black text looks on a background with the Hex color 16E16B.

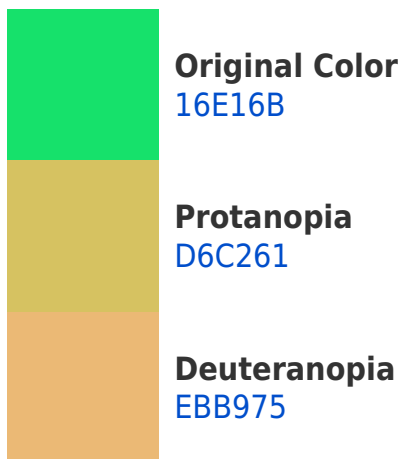


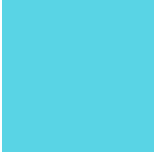
This preview shows how white text looks on a background with the Hex color 16E16B.

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
59D4E5

Trichromacy



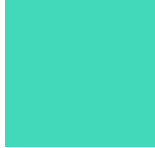
Original Color
16E16B



Protanomaly
90CD65



Deuteranomaly
9EC871



Tritanomaly
41D9B9

Monochromacy



Original Color
16E16B



Achromatopsia
979797



Achromatomaly
68B287

CSS Examples

Text

The CSS property to change the color of the text to Hex 16E16B 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 #16E16B looks like.

```
.text, #text, p{  
    color:#16E16B  
}
```

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 #16E16B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16E16B
}
```

Border

The CSS property to change the border of an element to Hex 16E16B 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
#16E16B }
```

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

```
.border{ border-color:#16E16B }
```

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

Here you see how a box with a 4 pixel #16E16B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16E16B; -webkit-box-shadow:4px 4px  
4px 4px #16E16B; box-shadow:4px 4px 4px  
4px #16E16B }
```

Background

The CSS property to change the background color of an element to Hex 16E16B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16E16B }
```

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

```
.background{ background-color:#16E16B }
```

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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