

Converting Colors

Hex(16B576)

Have a look what the booklet for
Hex(16B576) contains.

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Color

Hex(16B576)

Conversions

Conversions Part 1

Format	Color
Hex	16B576
RGB	22, 181, 118
RGB Percent	9%, 71%, 46%
CMY	0.9137, 0.2902, 0.5373
CMYK	0.88, 0.00, 0.35, 0.29
HSL	156°, 78%, 40%
HSV	156°, 88%, 71%
XYZ	20.1248, 34.5263, 22.7431
YIQ	126.2770, -74.5410, -53.3010

Conversions

Conversions Part 2

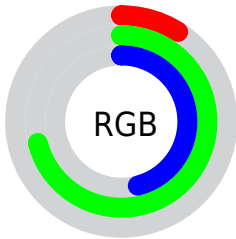
Format	Color
RYB	22, 121, 181
Decimal	1488246
CIELab	65.38, -52.76, 21.64
CIELCh	65, 57.022, 157.696
Yxy	34.5263, 0.2600, 0.4461
Android (android.graphics.Color)	4279678326 (0xFF16B576)
YUV	126.2770, -4.0806, -91.4509
Hunter-Lab	58.7591, -41.6929, 18.1828

Details

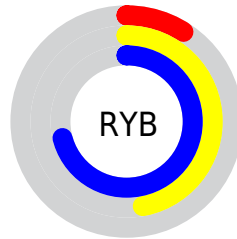
The Hex color **16B576** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B51655**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **64EEAB**, and **007F45** is the 20% darker color. If you saturate the color by 10%, you get **04B56F**, and if you desaturate by 10%, it is **28B57D**.

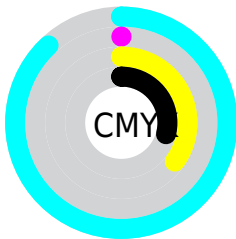
Distribution



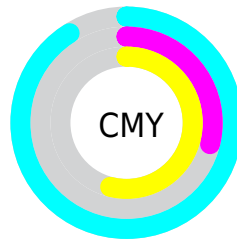
- Red (9%)
- Green (71%)
- Blue (46%)



- Red (9%)
- Yellow (47%)
- Blue (71%)



- Cyan (88%)
- Magenta (0%)
- Yellow (35%)
- Black (29%)



- Cyan (91%)
- Magenta (29%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16B576 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 16B576 by changing the saturation by 10% instead.

 16B576

 16B576

FFFFFF

 009A5D

 64EEAB

 007F45

 83FFC6

 00652E

 A1FFE2

 004B18

 BFFFFFF

 003400

 DDFFFF

 001B00

 FBFFFF

 000000

 16B576

 16B576

 04B56F

 28B57D

■ 00B56D

■ 3AB584

■ 4CB58C

■ 5EB593

■ 70B59A

■ 83B5A1

■ 95B5A8

■ A7B5AF

■ B9B5B7

Harmonies

Analogous

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



78AD49



16B576



00B8AB

Triad

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



16B576



53A0FF



F67B63

Complementary

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



16B576



B51655

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.



FC7094



16B576



B38CF0

Square

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



16B576



00AEFD



E778C7



D9E3E

Rectangle

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



16B576



00B7CD



E778C7



FB7672

Sweetspot

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



16B576



AEEBD2



56B516



517567



F5F5F5



757575

Same Dimension

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



16B576



00EB8E



16A5B5



505956



00995C



001A0F

Inverse Universe

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



B51655



EB005D



B52616



595054



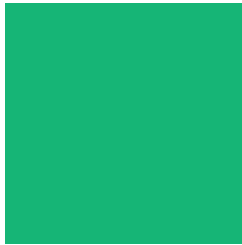
99003D



1A000A

Previews

White Background



This preview shows how the Hex color 16B576 looks on a white background.

Color Contrast Check

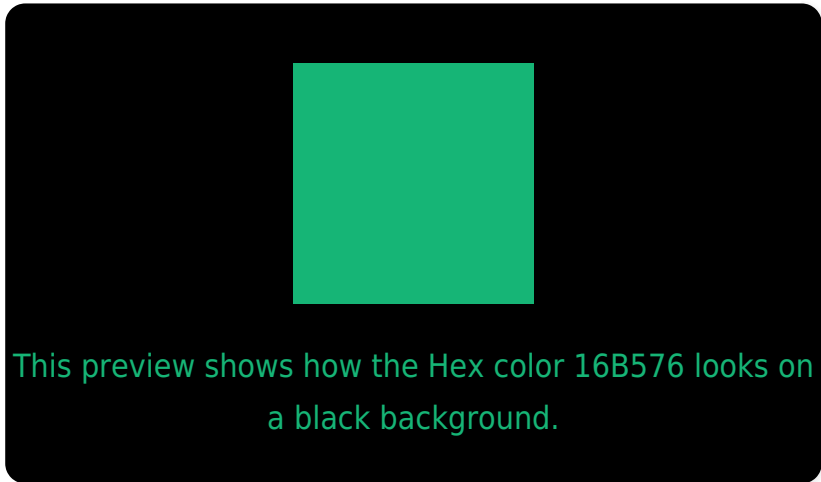
Large Text (above 18pt) WCAG AA × Fail

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

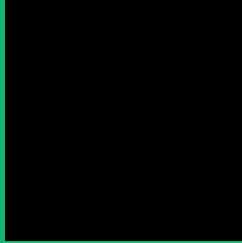
Any Text WCAG AA ✓ Pass

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 16B576 Background



This preview shows how black text looks on a background with the Hex color 16B576.

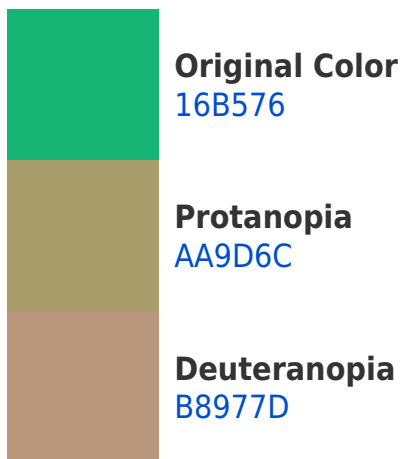


This preview shows how white text looks on a background with the Hex color 16B576.

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



Trichromacy



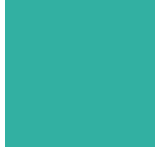
Original Color
16B576



Protanomaly
74A670



Deuteranomaly
7DA27A



Tritanomaly
32B0A2

Monochromacy



Original Color
16B576



Achromatopsia
7E7E7E



Achromatomaly
58927B

CSS Examples

Text

The CSS property to change the color of the text to Hex 16B576 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 #16B576 looks like.

```
.text, #text, p{  
    color:#16B576  
}
```

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 #16B576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16B576
}
```

Border

The CSS property to change the border of an element to Hex 16B576 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
#16B576 }
```

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

```
.border{ border-color:#16B576 }
```

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

Here you see how a box with a 4 pixel #16B576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16B576; -webkit-box-shadow:4px 4px  
4px 4px #16B576; box-shadow:4px 4px 4px  
4px #16B576 }
```

Background

The CSS property to change the background color of an element to Hex 16B576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16B576 }
```

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

```
.background{ background-color:#16B576 }
```

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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