

Converting Colors

Hex(65B876)

Have a look what the booklet for
Hex(65B876) contains.

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Color

Hex(65B876)

Conversions

Conversions Part 1

Format	Color
Hex	65B876
RGB	101, 184, 118
RGB Percent	40%, 72%, 46%
CMY	0.6039, 0.2784, 0.5373
CMYK	0.45, 0.00, 0.36, 0.28
HSL	132°, 37%, 56%
HSV	132°, 45%, 72%
XYZ	25.7773, 38.3557, 23.1843
YIQ	151.6590, -28.2820, -38.1220

Conversions

Conversions Part 2

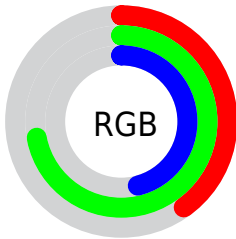
Format	Color
RYB	101, 170, 184
Decimal	6666358
CIELab	68.28, -39.64, 25.89
CIELCh	68, 47.342, 146.854
Yxy	38.3557, 0.2952, 0.4393
Android (android.graphics.Color)	4284856438 (0xFF65B876)
YUV	151.6590, -16.5939, -44.4279
Hunter-Lab	61.9320, -34.0856, 21.1571

Details

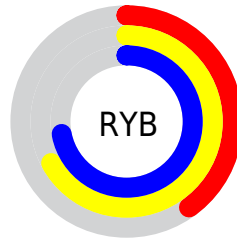
The Hex color **65B876** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B865A7**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9CF1AB**, and **2D8245** is the 20% darker color. If you saturate the color by 10%, you get **53B867**, and if you desaturate by 10%, it is **77B885**.

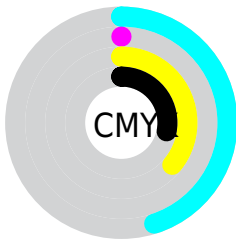
Distribution



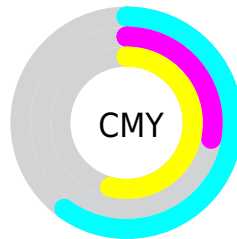
- Red (40%)
- Green (72%)
- Blue (46%)



- Red (40%)
- Yellow (67%)
- Blue (72%)



- Cyan (45%)
- Magenta (0%)
- Yellow (36%)
- Black (28%)



- Cyan (60%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B876 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 65B876 by changing the saturation by 10% instead.

 65B876

 65B876

FFFFFF

 4A9D5D

 9CF1AB

 2D8245

 B8FFC6

 07692E

 D5FFE2

 005017

 F2FFFF

 003800

 002300

 000000

 65B876

 65B876

 53B867

 77B885

 40B859

 8AB893

 2EB84A

 9CB8A2

 1BB83B

 AFB8B1

 09B82D

 C1B8BF

 00B826

 D3B8CE

 E6B8DC

 F8B8EB

 FFB8FA

Harmonies

Analogous

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



9AAF57



65B876



00BCA0

Triad

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



65B876



51ACFC



F68682

Complementary

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



65B876



B865A7

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.



F383AD



65B876



A39DF3

Square

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



65B876



00B7ED



D78DD6



E59360

Rectangle

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



65B876



00BCBE



D78DD6



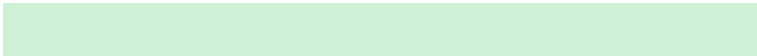
F88490

Sweetspot

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



65B876



CEF0D5



A7B865



637868



F7F7F7



787878

Same Dimension

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



65B876



6EF089



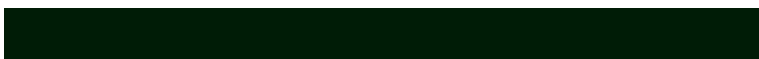
65B89F



535C55



009C20



001C06

Inverse Universe

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



B865A7



F06ED5



B8657E



5C535A



9C007C



1C0016

Previews

White Background



This preview shows how the Hex color 65B876 looks on a white background.

Color Contrast Check

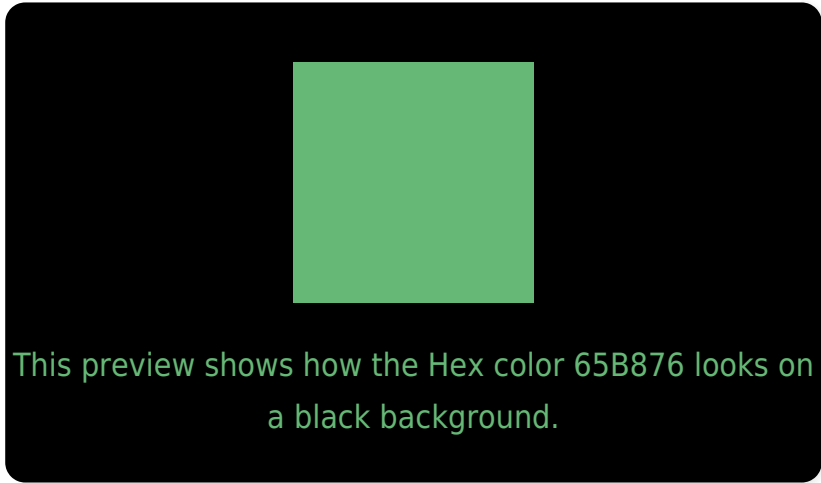
Large Text (above 18pt) WCAG AA × Fail

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

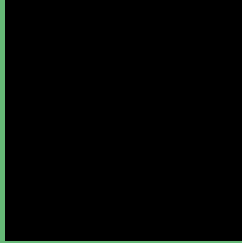
Any Text WCAG AA ✓ Pass

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 65B876 Background



This preview shows how black text looks on a background with the Hex color 65B876.

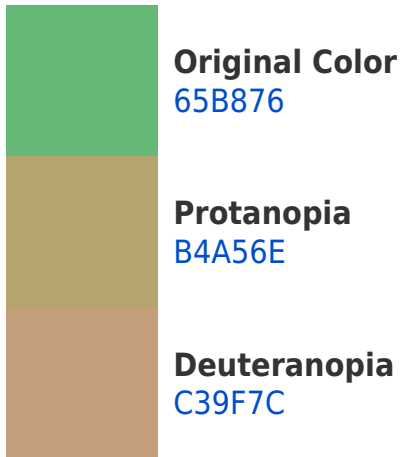


This preview shows how white text looks on a background with the Hex color 65B876.

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
75AFBD

Trichromacy



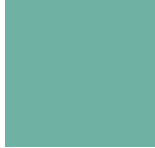
Original Color
65B876



Protanomaly
97AC71



Deuteranomaly
A1A87A



Tritanomaly
6FB2A3

Monochromacy



Original Color
65B876



Achromatopsia
989898



Achromatomaly
85A48C

CSS Examples

Text

The CSS property to change the color of the text to Hex 65B876 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 #65B876 looks like.

```
.text, #text, p{  
    color:#65B876  
}
```

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 #65B876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B876
}
```

Border

The CSS property to change the border of an element to Hex 65B876 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
#65B876 }
```

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

```
.border{ border-color:#65B876 }
```

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

Here you see how a box with a 4 pixel #65B876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B876; -webkit-box-shadow:4px 4px  
4px 4px #65B876; box-shadow:4px 4px 4px  
4px #65B876 }
```

Background

The CSS property to change the background color of an element to Hex 65B876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B876 }
```

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

```
.background{ background-color:#65B876 }
```

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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