

Converting Colors

Hex(65B262)

Have a look what the booklet for
Hex(65B262) contains.

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Color

Hex(65B262)

Conversions

Conversions Part 1

Format	Color
Hex	65B262
RGB	101, 178, 98
RGB Percent	40%, 70%, 38%
CMY	0.6039, 0.3020, 0.6157
CMYK	0.43, 0.00, 0.45, 0.30
HSL	118°, 34%, 54%
HSV	118°, 45%, 70%
XYZ	23.4918, 35.4893, 17.1673
YIQ	145.8570, -20.2120, -41.2040

Conversions

Conversions Part 2

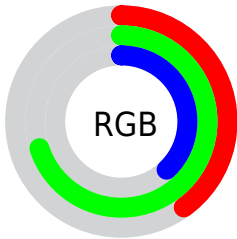
Format	Color
RYB	98, 178, 175
Decimal	6664802
CIELab	66.13, -40.22, 33.55
CIELCh	66, 52.375, 140.161
Yxy	35.4893, 0.3085, 0.4661
Android (android.graphics.Color)	4284854882 (0xFF65B262)
YUV	145.8570, -23.5935, -39.3396
Hunter-Lab	59.5729, -33.8634, 24.6153

Details

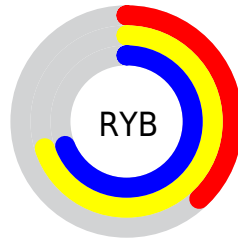
The Hex color **65B262** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AF62B2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9CEA96**, and **2E7D31** is the 20% darker color. If you saturate the color by 10%, you get **54B250**, and if you desaturate by 10%, it is **76B274**.

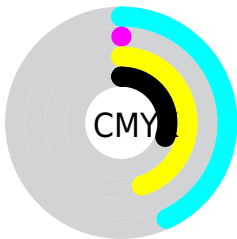
Distribution



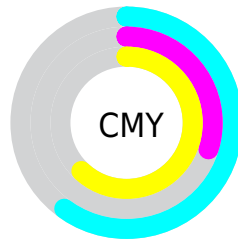
- Red (40%)
- Green (70%)
- Blue (38%)



- Red (38%)
- Yellow (70%)
- Blue (69%)



- Cyan (43%)
- Magenta (0%)
- Yellow (45%)
- Black (30%)



- Cyan (60%)
- Magenta (30%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B262 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 65B262 by changing the saturation by 10% instead.



65B262



65B262

FFFFFF



4A9749



9CEA96



2E7D31



B8FFB1



0A6319



D4FFCD



004A00



F2FFE9



003300



001E00



000000



65B262



65B262



54B250



76B274

 43B23E

 87B286

 32B22D

 98B297

 20B21B

 AAB2A9

 0FB209

 BBB2BB

 07B200

 CCB2CD

 DDB2DF

 EEB2F0

 FFB2FF

Harmonies

Analogous

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



9DA844



65B262



00B78F

Triad

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



65B262



00AAFD



F87A83

Complementary

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



65B262



AF62B2

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.



EF7AB2



65B262



8A9BF9

Square

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



65B262



00B4E8



CB88DD



E9875A

Rectangle

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



65B262



00B8B0



CB88DD



F87892

Sweetspot

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



65B262



CBE8CA



B2AE62



637563



F5F5F5



757575

Same Dimension

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



65B262



6FE86B



62B286



515950



069900



011A00

Inverse Universe

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



AF62B2



E36BE8



B2628E



595059



930099



19001A

Previews

White Background



This preview shows how the Hex color 65B262 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 65B262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

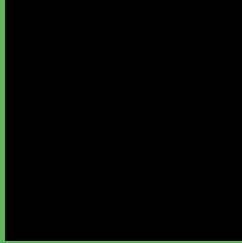
Any Text WCAG AA ✓ Pass

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 65B262 Background



This preview shows how black text looks on a background with the Hex color 65B262.

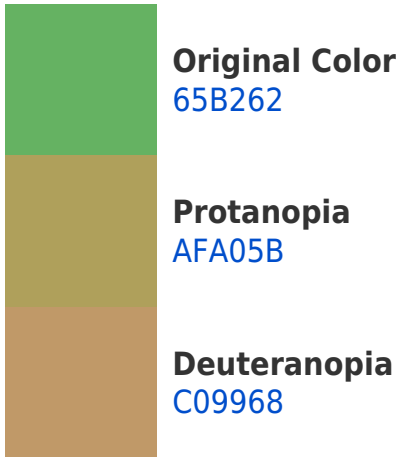


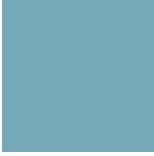
This preview shows how white text looks on a background with the Hex color 65B262.

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](#).

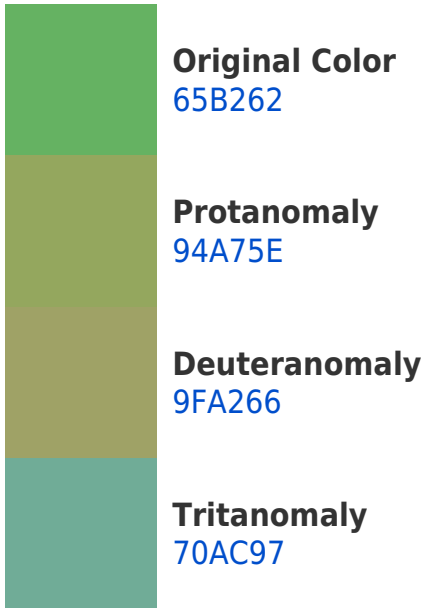
Dichromacy





Tritanopia
76A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B262 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 #65B262 looks like.

```
.text, #text, p{  
    color:#65B262  
}
```

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 #65B262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B262
}
```

Border

The CSS property to change the border of an element to Hex 65B262 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
#65B262 }
```

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

```
.border{ border-color:#65B262 }
```

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

Here you see how a box with a 4 pixel #65B262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B262; -webkit-box-shadow:4px 4px  
4px 4px #65B262; box-shadow:4px 4px 4px  
4px #65B262 }
```

Background

The CSS property to change the background color of an element to Hex 65B262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B262 }
```

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

```
.background{ background-color:#65B262 }
```

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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