

Converting Colors

Hex(66B565)

Have a look what the booklet for
Hex(66B565) contains.

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Color

Hex(66B565)

Conversions

Conversions Part 1

Format	Color
Hex	66B565
RGB	102, 181, 101
RGB Percent	40%, 71%, 40%
CMY	0.6000, 0.2902, 0.6039
CMYK	0.44, 0.00, 0.44, 0.29
HSL	119°, 35%, 55%
HSV	119°, 44%, 71%
XYZ	24.3523, 36.8121, 18.1339
YIQ	148.2590, -21.4040, -41.6280

Conversions

Conversions Part 2

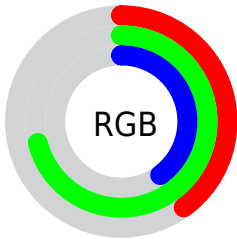
Format	Color
RYB	101, 181, 180
Decimal	6731109
CIELab	67.14, -40.78, 33.30
CIElCh	67, 52.646, 140.762
Yxy	36.8121, 0.3071, 0.4642
Android (android.graphics.Color)	4284921189 (0xFF66B565)
YUV	148.2590, -23.2987, -40.5691
Hunter-Lab	60.6730, -34.5332, 24.7506

Details

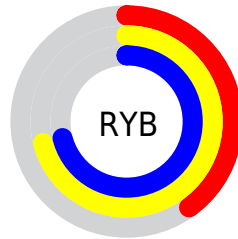
The Hex color **66B565** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B465B5**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9DED99**, and **2F7F34** is the 20% darker color. If you saturate the color by 10%, you get **54B553**, and if you desaturate by 10%, it is **78B577**.

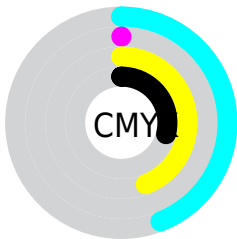
Distribution



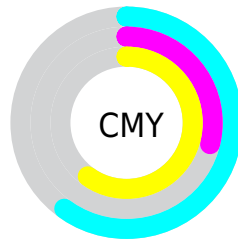
- Red (40%)
- Green (71%)
- Blue (40%)



- Red (40%)
- Yellow (71%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (44%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B565 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 66B565 by changing the saturation by 10% instead.

 66B565

 66B565

FFFFFF

 4B9A4C

 9DED99

 2F7F34

 B9FFB4

 0B661C

 D6FFD0

 004D03

 F3FFED

 003500

 002000

 000000

 66B565

 66B565

 54B553

 78B577

 42B541

 8AB589

 30B52F

 9CB59B

 1FB51D

 ADB5AD

 0DB50B

 BFB5C0

 02B500

 D1B5D2

 E3B5E4

 F5B5F6

 FFB5FF

Harmonies

Analogous

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



9EAB46



66B565



00BA93

Triad

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



66B565



00ADFF



FC7C84

Complementary

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



66B565



B465B5

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.



F37CB4



66B565



8E9DFC

Square

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



66B565



00B7EC



CF8AE0



EC8A5B

Rectangle

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



66B565



00BBB4



CF8AE0



FC7A94

Sweetspot

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



66B565



CCEBCC



B5B465



637563



F5F5F5



757575

Same Dimension

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



66B565



70EB6E



65B58C



505950



029900



001A00

Inverse Universe

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



B465B5



E96EEB



B5658E



595059



970099



19001A

Previews

White Background



This preview shows how the Hex color 66B565 looks on a white background.

Color Contrast Check

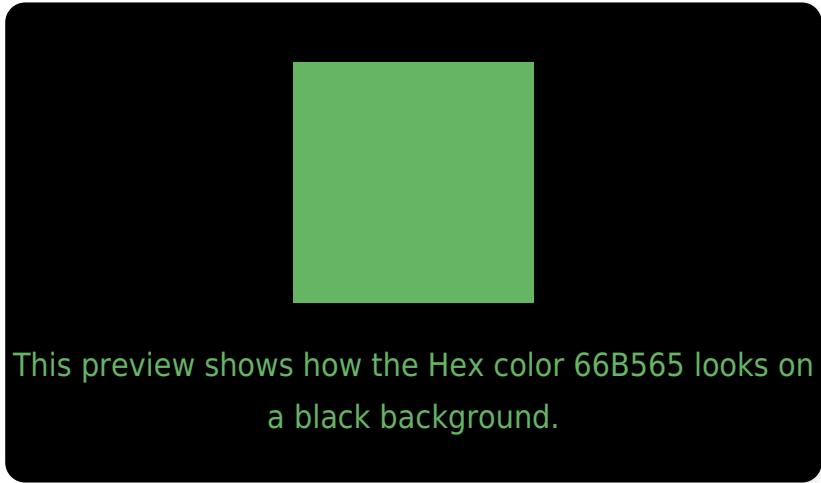
Large Text (above 18pt) WCAG AA × Fail

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

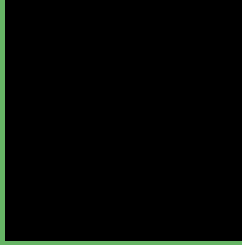
Any Text WCAG AA ✓ Pass

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 66B565 Background



This preview shows how black text looks on a background with the Hex color 66B565.



This preview shows how white text looks on a background with the Hex color 66B565.

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
77ABB9

Trichromacy



Original Color
66B565



Protanomaly
96AA61



Deuteranomaly
A1A469



Tritanomaly
71AF9A

Monochromacy



Original Color
66B565



Achromatopsia
949494



Achromatomaly
83A083

CSS Examples

Text

The CSS property to change the color of the text to Hex 66B565 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 #66B565 looks like.

```
.text, #text, p{  
    color:#66B565  
}
```

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 #66B565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B565
}
```

Border

The CSS property to change the border of an element to Hex 66B565 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
#66B565 }
```

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

```
.border{ border-color:#66B565 }
```

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

Here you see how a box with a 4 pixel #66B565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B565; -webkit-box-shadow:4px 4px  
4px 4px #66B565; box-shadow:4px 4px 4px  
4px #66B565 }
```

Background

The CSS property to change the background color of an element to Hex 66B565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B565 }
```

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

```
.background{ background-color:#66B565 }
```

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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