

Converting Colors

Hex(B66E5A)

Have a look what the booklet for
Hex(B66E5A) contains.

Hex(B66E5A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B66E5A)

Conversions

Conversions Part 1

Format	Color
Hex	B66E5A
RGB	182, 110, 90
RGB Percent	71%, 43%, 35%
CMY	0.2863, 0.5686, 0.6471
CMYK	0.00, 0.40, 0.51, 0.29
HSL	13°, 39%, 53%
HSV	13°, 51%, 71%
XYZ	26.7128, 21.8351, 12.4795
YIQ	129.2480, 49.3320, 9.0440

Conversions

Conversions Part 2

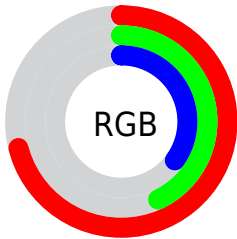
Format	Color
RYB	182, 116, 90
Decimal	11955802
CIELab	53.85, 26.43, 23.28
CIElCh	54, 35.223, 41.379
Yxy	21.8351, 0.4377, 0.3578
Android (android.graphics.Color)	4290145882 (0xFFB66E5A)
YUV	129.2480, -19.3493, 46.2635
Hunter-Lab	46.7281, 20.2680, 16.8752

Details

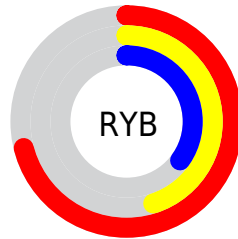
The Hex color **B66E5A** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5AA2B6**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F1A28C**, and **7E3D2C** is the 20% darker color. If you saturate the color by 10%, you get **B66048**, and if you desaturate by 10%, it is **B67C6C**.

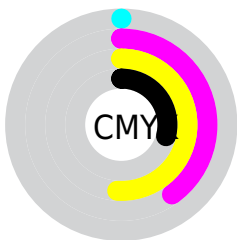
Distribution



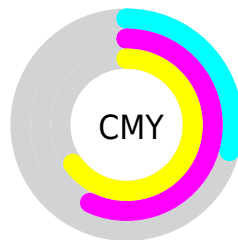
- Red (71%)
- Green (43%)
- Blue (35%)



- Red (71%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (29%)



- Cyan (29%)
- Magenta (57%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B66E5A 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 B66E5A by changing the saturation by 10% instead.

 B66E5A

 B66E5A

FFFFFF

 9A5542

 F1A28C

 7E3D2C

 FFBEA7

 622617

 FFDAC2

 480E00

 FFF6DE

 2F0000

 FFFFFB

 000000

 B66E5A

 B66E5A


 B66048

 B67C6C

 B65236

 B68A7E

 B64323

 B69991

 B63511

 B6A7A3

 B62800

 B6B5B5

 B6C3C7

 B6D2D9

 B6E0EC

 B6EEFE

Harmonies

Analogous

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



BB6876



B66E5A



A47847

Triad

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



B66E5A



3E8F6C



6680BC

Complementary

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



B66E5A



5AA2B6

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.



2489BA



B66E5A



00918C

Square

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



B66E5A



678B52



008FA8



9374AE

Rectangle

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



B66E5A



927F43



008FA8



5383BD

Sweetspot

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



B66E5A



EDD1CA



B65AA2



786762



F7F7F7



787878

Same Dimension

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



B66E5A



ED7C5C



B69C5A



5C5553



9C2200



1C0600

Inverse Universe

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



5AA2B6



5CCEED



5A74B6



535A5C



007A9C



00161C

Previews

White Background



This preview shows how the Hex color B66E5A looks on a white background.

Color Contrast Check

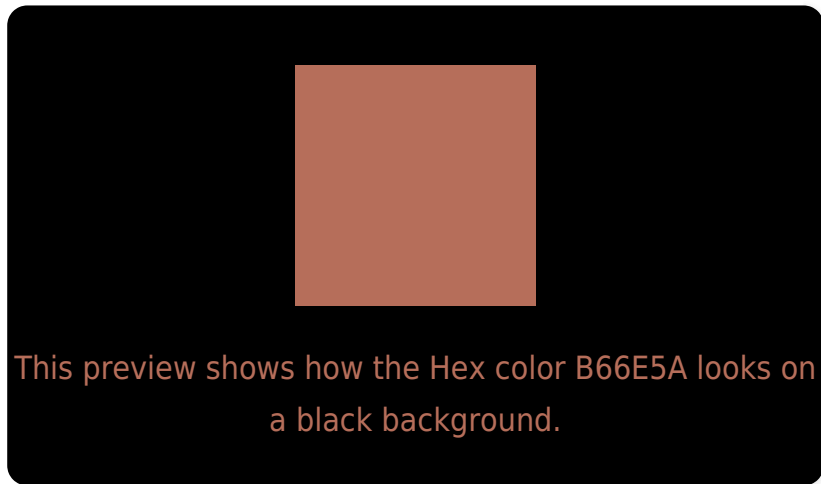
Large Text (above 18pt) WCAG AA ✓ Pass

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

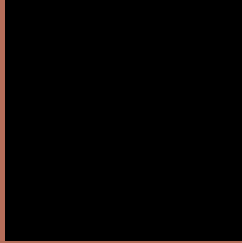
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B66E5A Background



This preview shows how black text looks on a background with the Hex color B66E5A.




This preview shows how white text looks on a background with the Hex color B66E5A.

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
B86B72

Trichromacy



Original Color
B66E5A

Protanomaly
9A7A5F

Deuteranomaly
A57758

Tritanomaly
B76C69

Monochromacy



Original Color
B66E5A

Achromatopsia
818181

Achromatomaly
947A73

CSS Examples

Text

The CSS property to change the color of the text to Hex B66E5A 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 #B66E5A looks like.

```
.text, #text, p{  
    color:#B66E5A  
}
```

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 #B66E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B66E5A
}
```

Border

The CSS property to change the border of an element to Hex B66E5A 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
#B66E5A }
```

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

```
.border{ border-color:#B66E5A }
```

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

Here you see how a box with a 4 pixel #B66E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B66E5A; -webkit-box-shadow:4px 4px  
4px 4px #B66E5A; box-shadow:4px 4px 4px  
4px #B66E5A }
```

Background

The CSS property to change the background color of an element to Hex B66E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B66E5A }
```

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

```
.background{ background-color:#B66E5A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor