

Converting Colors

Hex(D66B66)

Have a look what the booklet for
Hex(D66B66) contains.

Hex(D66B66)	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(D66B66)

Conversions

Conversions Part 1

Format	Color
Hex	D66B66
RGB	214, 107, 102
RGB Percent	84%, 42%, 40%
CMY	0.1608, 0.5804, 0.6000
CMYK	0.00, 0.50, 0.52, 0.16
HSL	3°, 58%, 62%
HSV	3°, 52%, 84%
XYZ	35.3875, 25.7708, 15.6795
YIQ	138.4230, 65.3770, 21.1290

Conversions

Conversions Part 2

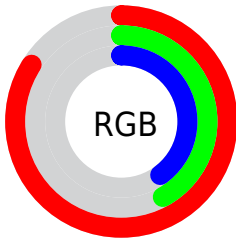
Format	Color
R_{YB}	214, 107, 102
Decimal	14052198
CIE _{Lab}	57.82, 41.52, 22.44
CIE _{LCh}	58, 47.193, 28.396
Yxy	25.7708, 0.4605, 0.3354
Android (android.graphics.Color)	4292242278 (0xFFD66B66)
YUV	138.4230, -17.9565, 66.2810
Hunter-Lab	50.7650, 35.5910, 17.2229

Details

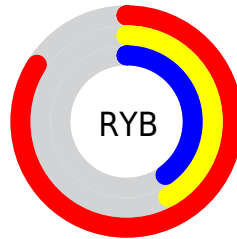
The Hex color **D66B66** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66D1D6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA199**, and **9B3737** is the 20% darker color. If you saturate the color by 10%, you get **D65751**, and if you desaturate by 10%, it is **D67F7B**.

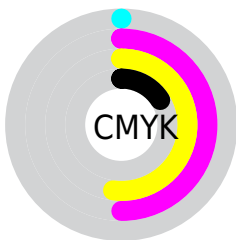
Distribution



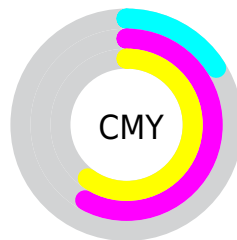
- Red (84%)
- Green (42%)
- Blue (40%)



- Red (84%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (50%)
- Yellow (52%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color D66B66 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 D66B66 by changing the saturation by 10% instead.

 D66B66

 D66B66

FFFFFF

 B8514E

 FFA199

 9B3737

 FFBCB4

 7E1C22

 FFD9CF

 62000C

 FFF6EC

 460000

 2C0001

 000000

 D66B66

 D66B66

 D65751

 D67F7B

 D6423B

 D69491

 D62E26

 D6A8A6

 D61910

 D6BDBC

 D60A00

 D6D1D1

 D6E6E6

 D6FAFC

 D6FFFF

Harmonies

Analogous

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



D4678F



D66B66



C47945

Triad

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



D66B66



459C5E



2E90DD

Complementary

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



D66B66



66D1D6

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.



009AD0



D66B66



009F87

Square

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



D66B66



7B943F



009FB1



8981D4

Rectangle

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



D66B66



B08338



009FB1



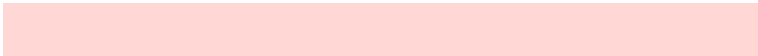
0094DB

Sweetspot

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



D66B66



FFD8D6



D666D2



806867



000000



808080

Same Dimension

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



D66B66



FF665E



D6A266



6B6160



AB0800



2B0200

Inverse Universe

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



66D1D6



5EF8FF



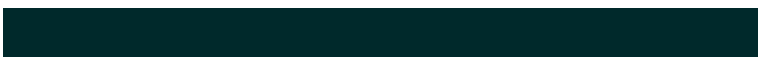
669AD6



606B6B



00A3AB



00292B

Previews

White Background



This preview shows how the Hex color D66B66 looks on a white background.

Color Contrast Check

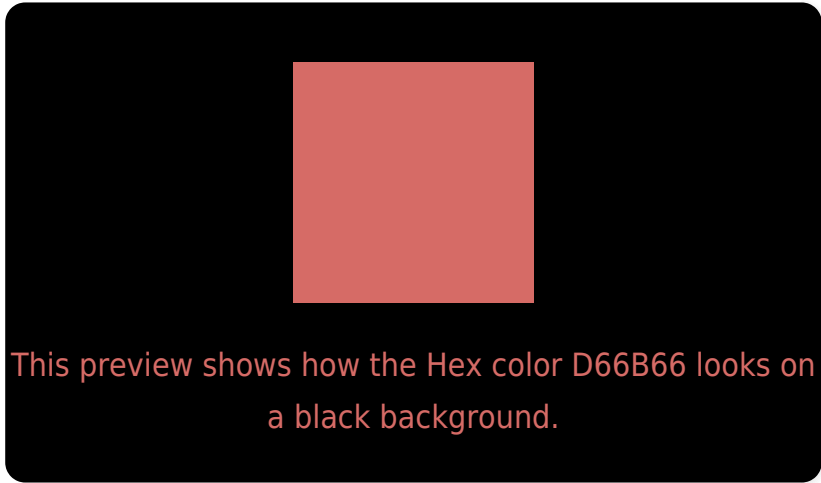
Large Text (above 18pt) WCAG AA ✓ Pass

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 D66B66 Background



This preview shows how black text looks on a background with the Hex color D66B66.



This preview shows how white text looks on a background with the Hex color D66B66.

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
D76971

Trichromacy



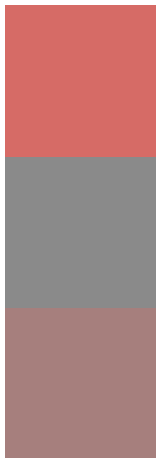
Original Color
D66B66

Protanomaly
AB7F70

Deuteranomaly
B77C63

Tritanomaly
D76A6D

Monochromacy



Original Color
D66B66

Achromatopsia
8A8A8A

Achromatomaly
A67F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex D66B66 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 #D66B66 looks like.

```
.text, #text, p{  
    color:#D66B66  
}
```

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 #D66B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D66B66  
}
```

Border

The CSS property to change the border of an element to Hex D66B66 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  
#D66B66 }
```

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

```
.border{ border-color:#D66B66 }
```

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

Here you see how a box with a 4 pixel #D66B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D66B66; -webkit-box-shadow:4px 4px  
4px 4px #D66B66; box-shadow:4px 4px 4px  
4px #D66B66 }
```

Background

The CSS property to change the background color of an element to Hex D66B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D66B66 }
```

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

```
.background{ background-color:#D66B66 }
```

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