

Converting Colors

Hex(C45D68)

Have a look what the booklet for
Hex(C45D68) contains.

Hex(C45D68)	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(C45D68)

Conversions

Conversions Part 1

Format	Color
Hex	C45D68
RGB	196, 93, 104
RGB Percent	77%, 36%, 41%
CMY	0.2314, 0.6353, 0.5922
CMYK	0.00, 0.53, 0.47, 0.23
HSL	354°, 47%, 57%
HSV	354°, 53%, 77%
XYZ	29.1780, 20.5639, 15.5281
YIQ	125.0510, 57.8570, 25.2570

Conversions

Conversions Part 2

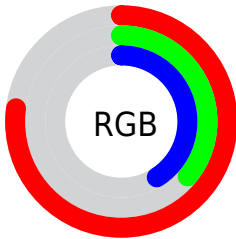
Format	Color
R_{YB}	196, 93, 104
Decimal	12868968
CIE Lab	52.47, 42.17, 13.56
CIE LCh	52, 44.296, 17.823
Yxy	20.5639, 0.4470, 0.3151
Android (android.graphics.Color)	4291059048 (0xFFC45D68)
YUV	125.0510, -10.3781, 62.2223
Hunter-Lab	45.3475, 35.4944, 11.4409

Details

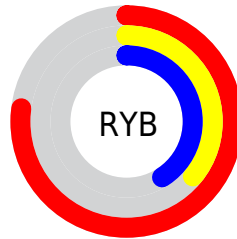
The Hex color **C45D68** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **5DC4B9**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF929B**, and **8A2939** is the 20% darker color. If you saturate the color by 10%, you get **C44956**, and if you desaturate by 10%, it is **C4717A**.

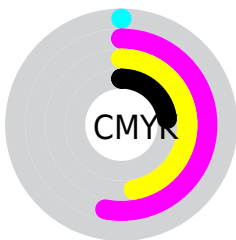
Distribution



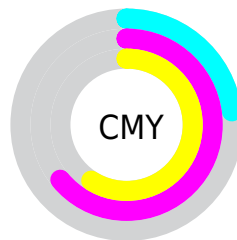
- Red (77%)
- Green (36%)
- Blue (41%)



- Red (77%)
- Yellow (36%)
- Blue (41%)



- Cyan (0%)
- Magenta (53%)
- Yellow (47%)
- Black (23%)



- Cyan (23%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color C45D68 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 C45D68 by changing the saturation by 10% instead.

 C45D68

 C45D68

FFFFFF

 A74350

 FF929B

 8A2939

 FFADB6

 6E0A24

 FFCAD1

 52000F

 FFE6EE

 390001

 150000

 000000

 C45D68

 C45D68

 C44956

 C4717A

 C43645

 C4848B

 C42233

 C4989D

 C40F22

 C4ABAE

 C40015

 C4BFC0

 C4D3D1

 C4E6E3

 C4FAF4

 C4FFFF

Harmonies

Analogous

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



BB5E8E



C45D68



B96746

Triad

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



C45D68



518B48



0086C7

Complementary

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



C45D68



5DC4B9

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.



008DB5



C45D68



008F6C

Square

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



C45D68



7D8231



009093



6579C6

Rectangle

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



C45D68



AA7136



009093



0089C3

Sweetspot

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



C45D68



FFD6DB



B85DC4



80676A



000000



808080

Same Dimension

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



C45D68



FF5E70



C4845D



615758



A10011



210004

Inverse Universe

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



C45D68



FF5E70



5D9DC4



615758



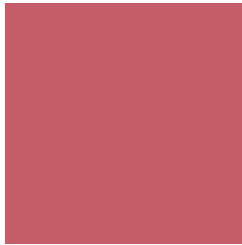
A10011



210004

Previews

White Background



This preview shows how the Hex color C45D68 looks on a white background.

Color Contrast Check

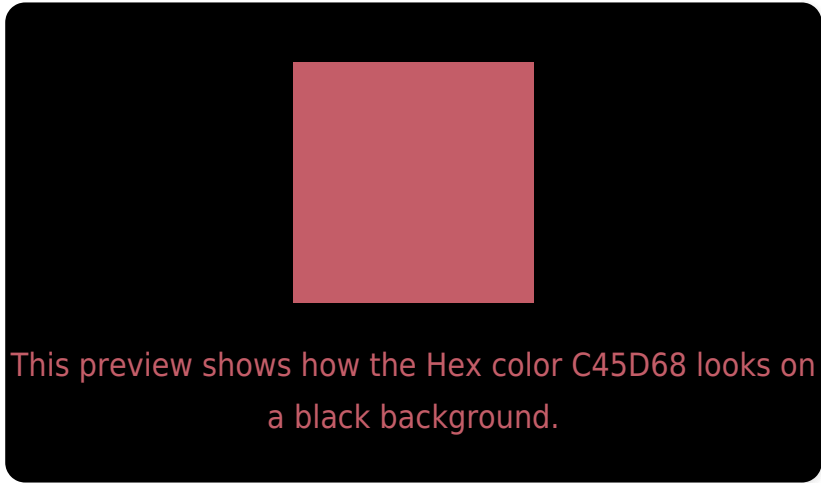
Large Text (above 18pt) WCAG AA ✓ Pass

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

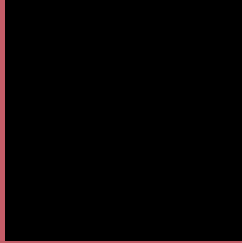
Any Text WCAG AA ✓ Pass

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 C45D68 Background



This preview shows how black text looks on a background with the Hex color C45D68.

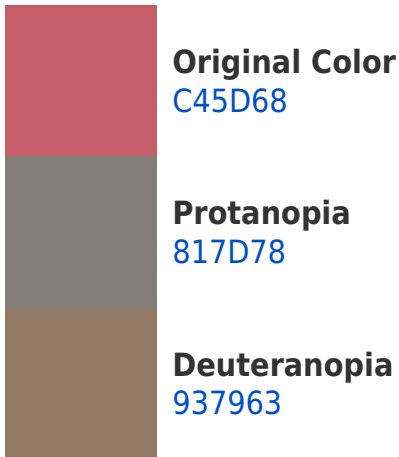


This preview shows how white text looks on a background with the Hex color C45D68.

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](#).

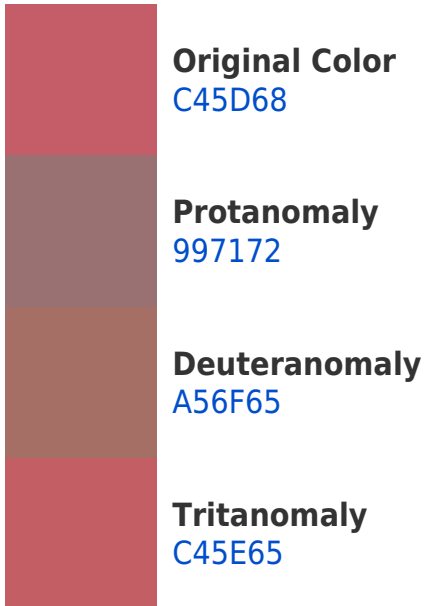
Dichromacy



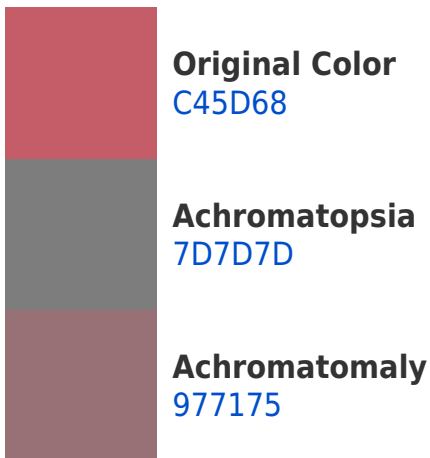


Tritanopia
C45E64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C45D68 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 #C45D68 looks like.

```
.text, #text, p{  
    color:#C45D68  
}
```

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 #C45D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45D68  
}
```

Border

The CSS property to change the border of an element to Hex C45D68 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  
#C45D68 }
```

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

```
.border{ border-color:#C45D68 }
```

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

Here you see how a box with a 4 pixel #C45D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45D68; -webkit-box-shadow:4px 4px  
4px 4px #C45D68; box-shadow:4px 4px 4px  
4px #C45D68 }
```

Background

The CSS property to change the background color of an element to Hex C45D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45D68 }
```

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

```
.background{ background-color:#C45D68 }
```

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