

# Converting Colors

Hex(C56D70)

Have a look what the booklet for  
Hex(C56D70) contains.

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# Color

**Hex(C56D70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C56D70
RGB	197, 109, 112
RGB Percent	77%, 43%, 44%
CMY	0.2275, 0.5725, 0.5608
CMYK	0.00, 0.45, 0.43, 0.23
HSL	358°, 43%, 60%
HSV	358°, 45%, 77%
XYZ	31.4192, 23.9774, 18.3014
YIQ	135.6540, 51.4850, 19.5890

# Conversions

## Conversions Part 2

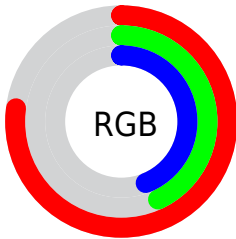
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 109, 112
Decimal	12938608
CIE Lab	56.07, 35.09, 13.88
CIE LCh	56, 37.736, 21.573
Yxy	23.9774, 0.4263, 0.3253
Android (android.graphics.Color)	4291128688 (0xFFC56D70)
YUV	135.6540, -11.6614, 53.8004
Hunter-Lab	48.9668, 28.8416, 12.1171

# Details

The Hex color **C56D70** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6DC5C2**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FFA2A4**, and **8C3B40** is the 20% darker color. If you saturate the color by 10%, you get **C5595D**, and if you desaturate by 10%, it is **C58183**.

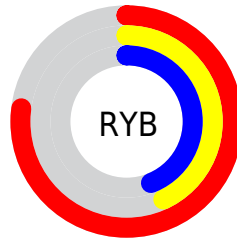
# Distribution



Red (77%)

Green (43%)

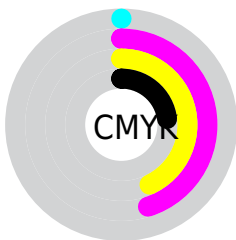
Blue (44%)



Red (77%)

Yellow (43%)

Blue (44%)

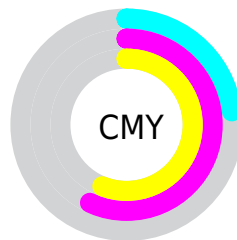


Cyan (0%)

Magenta (45%)

Yellow (43%)

Black (23%)



Cyan (23%)

Magenta (57%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C56D70 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 C56D70 by changing the saturation by 10% instead.



 C56D70

 C56D70

FFFFFF

 A85458

 FFA2A4

 8C3B40

 FFBEBF

 70222A

 FFDADB

 550616

 FFF7F7

 3B0000

 200001

 000000

 C56D70

 C56D70

 C5595D

 C58183

 C5464A

 C59496

 C53237

 C5A8A9

 C51E24

 C5BCBC

 C50B11

 C5D0CF

 C50007

 C5E3E2

 C5F7F5

 C5FFFF

# Harmonies

## Analogous

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



BF6D91



C56D70



BA7654

# Triad

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



C56D70



5D935C



3C8DC7

# Complementary

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



C56D70



6DC5C2

# 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.



0094B9



C56D70



28977C

# Square

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



C56D70



838C48



00979D



7B81C3

# Rectangle

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



C56D70



AC7D48



00979D



198FC4

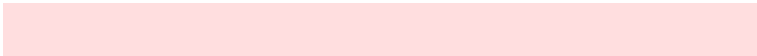


# Sweetspot

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



C56D70



FFDEDF



C16DC5



806B6C



000000



808080



# Same Dimension

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



C56D70



FF757A



C5956D



635A5A



A30006



240001



# Inverse Universe

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



C56D70



FF757A



6D9DC5



635A5A



A30006



240001



# Previews

## White Background



This preview shows how the Hex color C56D70 looks on a white background.

## Color Contrast Check

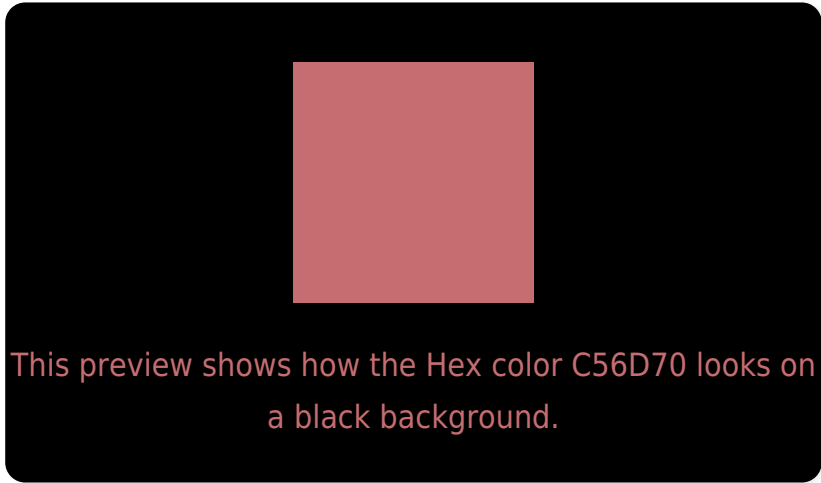
Large Text (above 18pt) WCAG AA ✓ Pass

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 C56D70 Background



This preview shows how black text looks on a background with the Hex color C56D70.



This preview shows how white text looks on a background with the Hex color C56D70.

# 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



**Original Color**  
C56D70

**Protanopia**  
8C867D

**Deuteranopia**  
9D826C



**Tritanopia**  
C56C74

# Trichromacy



**Original Color**  
C56D70

**Protanomaly**  
A17D78

**Deuteranomaly**  
AC7A6D

**Tritanomaly**  
C56C73

# Monochromacy



**Original Color**  
C56D70

**Achromatopsia**  
888888

**Achromatomaly**  
9E7E7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C56D70 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 #C56D70 looks like.

```
.text, #text, p{  
    color:#C56D70  
}
```

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 #C56D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56D70
}
```

## Border

The CSS property to change the border of an element to Hex C56D70 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
#C56D70 }
```

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

```
.border{ border-color:#C56D70 }
```

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

Here you see how a box with a 4 pixel #C56D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56D70; -webkit-box-shadow:4px 4px  
4px 4px #C56D70; box-shadow:4px 4px 4px  
4px #C56D70 }
```

# Background

The CSS property to change the background color of an element to Hex C56D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56D70 }
```

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

```
.background{ background-color:#C56D70 }
```

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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