

Converting Colors

Hex(C56DBB)

Have a look what the booklet for
Hex(C56DBB) contains.

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Color

Hex(C56DBB)

Conversions

Conversions Part 1

Format	Color
Hex	C56DBB
RGB	197, 109, 187
RGB Percent	77%, 43%, 73%
CMY	0.2275, 0.5725, 0.2667
CMYK	0.00, 0.45, 0.05, 0.23
HSL	307°, 43%, 60%
HSV	307°, 45%, 77%
XYZ	37.4642, 26.3955, 50.1340
YIQ	144.2040, 27.4100, 42.9140

Conversions

Conversions Part 2

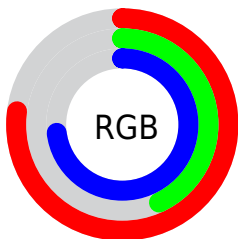
Format	Color
RYB	197, 109, 187
Decimal	12938683
CIELab	58.41, 45.87, -26.14
CIElCh	58, 52.796, 330.318
Yxy	26.3955, 0.3287, 0.2316
Android (android.graphics.Color)	4291128763 (0xFFC56DBB)
YUV	144.2040, 21.0984, 46.3021
Hunter-Lab	51.3765, 40.2550, -21.8925

Details

The Hex color **C56DBB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6DC577**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA3F3**, and **8D3986** is the 20% darker color. If you saturate the color by 10%, you get **C559B9**, and if you desaturate by 10%, it is **C581BD**.

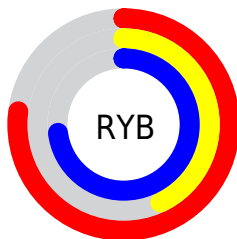
Distribution



Red (77%)

Green (43%)

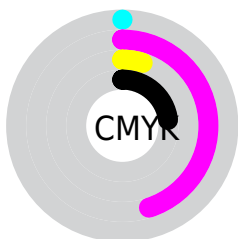
Blue (73%)



Red (77%)

Yellow (43%)

Blue (73%)

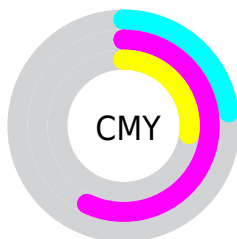


Cyan (0%)

Magenta (45%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (57%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color C56DBB 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 C56DBB by changing the saturation by 10% instead.

 C56DBB

 C56DBB

FFFFFF

 A953A0

 FFA3F3

 8D3986

 FFBFFF

 721E6C

 FFDDBF

 580054

 FFF8FF

 3F003C

 290026

 00010E

 000000

 C56DBB

 C56DBB

 C559B9

 C581BD

 C546B7

 C594BF

 C532B4

 C5A8C2

 C51EB2

 C5BCC4

 C50BB0

 C5D0C6

 C500AF

 C5E3C8

 C5F7CB

 C5FFCD

 C5FFCF

Harmonies

Analogous

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



8E80DD



C56DBB



DF628E

Triad

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



C56DBB



A58A29



00A2BA

Complementary

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



C56DBB



6DC577

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.



00A38B



C56DBB



769737

Square

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



C56DBB



C9793B



339F5D



009DDC

Rectangle

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



C56DBB



E1646F



339F5D



00A3AB

Sweetspot

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



C56DBB



FFDEFB



766DC5



806B7D



000000



808080

Same Dimension

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



C56DBB



FF75EF



C56D90



635A62



A30091



240020

Inverse Universe

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



C56DBB



FF75EF



6DC5A2



635A62



A30091



240020

Previews

White Background



This preview shows how the Hex color C56DBB looks on a white background.

Color Contrast Check

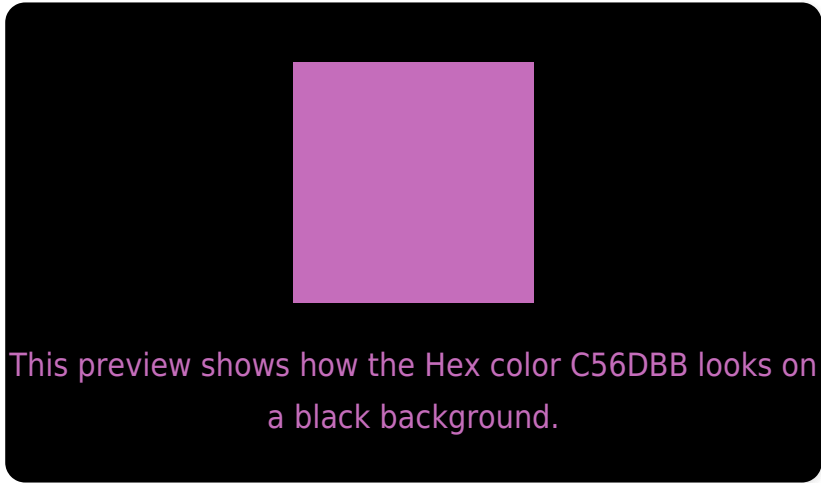
Large Text (above 18pt) WCAG AA ✓ Pass

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

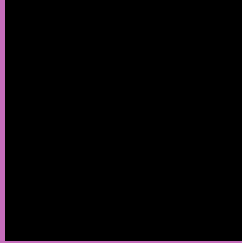
Any Text WCAG AA ✓ Pass

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 C56DBB Background



This preview shows how black text looks on a background with the Hex color C56DBB.

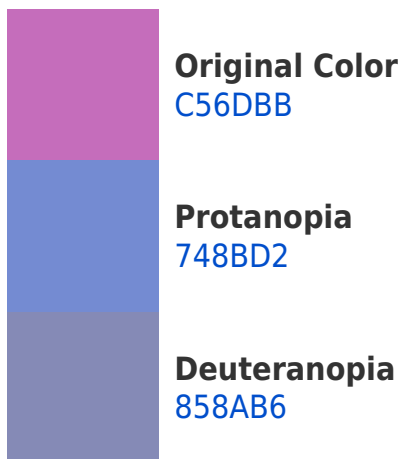


This preview shows how white text looks on a background with the Hex color C56DBB.

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
BE7982

Trichromacy



Original Color
C56DBB



Protanomaly
9180CA



Deuteranomaly
9C7FB8



Tritanomaly
C17597

Monochromacy



Original Color
C56DBB



Achromatopsia
909090



Achromatomaly
A383A0

CSS Examples

Text

The CSS property to change the color of the text to Hex C56DBB 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 #C56DBB looks like.

```
.text, #text, p{  
    color:#C56DBB  
}
```

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 #C56DBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C56DBB
}
```

Border

The CSS property to change the border of an element to Hex C56DBB 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
#C56DBB }
```

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

```
.border{ border-color:#C56DBB }
```

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

Here you see how a box with a 4 pixel #C56DBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C56DBB; -webkit-box-shadow:4px 4px  
4px 4px #C56DBB; box-shadow:4px 4px 4px  
4px #C56DBB }
```

Background

The CSS property to change the background color of an element to Hex C56DBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C56DBB }
```

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

```
.background{ background-color:#C56DBB }
```

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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