

Converting Colors

Hex(C564B6)

Have a look what the booklet for
Hex(C564B6) contains.

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Color

Hex(C564B6)

Conversions

Conversions Part 1

Format	Color
Hex	C564B6
RGB	197, 100, 182
RGB Percent	77%, 39%, 71%
CMY	0.2275, 0.6078, 0.2863
CMYK	0.00, 0.49, 0.08, 0.23
HSL	309°, 46%, 58%
HSV	309°, 49%, 77%
XYZ	36.0266, 24.3621, 47.0595
YIQ	138.3510, 31.4900, 46.0660

Conversions

Conversions Part 2

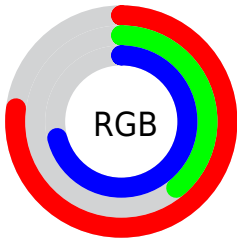
Format	Color
R _Y B	197, 100, 182
Decimal	12936374
CIE _{Lab}	56.45, 49.57, -26.30
CIE _{LCh}	56, 56.120, 332.051
Y _{xy}	24.3621, 0.3353, 0.2267
Android (android.graphics.Color)	4291126454 (0xFFC564B6)
YUV	138.3510, 21.5190, 51.4352
Hunter-Lab	49.3579, 43.9117, -21.9785

Details

The Hex color **C564B6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **64C573**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9AEE**, and **8D2F81** is the 20% darker color. If you saturate the color by 10%, you get **C550B3**, and if you desaturate by 10%, it is **C578B9**.

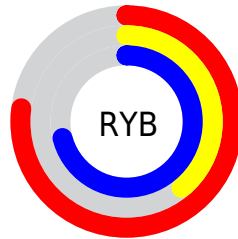
Distribution



Red (77%)

Green (39%)

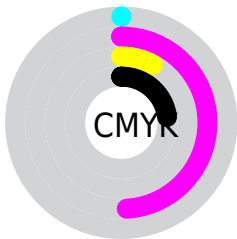
Blue (71%)



Red (77%)

Yellow (39%)

Blue (71%)

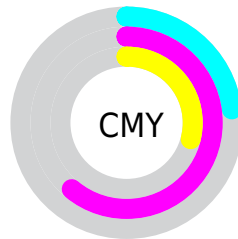


Cyan (0%)

Magenta (49%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (61%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color C564B6 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 C564B6 by changing the saturation by 10% instead.

 C564B6

 C564B6

FFFFFF

 A94A9B

 FF9AEE

 8D2F81

 FFB6FF

 720F67

 FFD2FF

 57004F

 FFEFFF

 3E0038

 260022

 000007

 000000

 C564B6

 C564B6

 C550B3

 C578B9

 C53DB0

 C58BBC

 C529AD

 C59FBF

 C515AA

 C5B3C2

 C501A7

 C5C7C5

 C500A7

 C5DAC8

 C5EECB

 C5FFCE

 C5FFD1

Harmonies

Analogous

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



8C79DB



C564B6



DE5986

Triad

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



C564B6



9D8619



009EBA

Complementary

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



C564B6



64C573

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.



009F89



C564B6



6C932D

Square

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



C564B6



C4742F



149B57



0098DD

Rectangle

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



C564B6



DF5C66



149B57



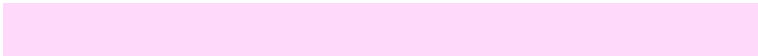
009FAB

Sweetspot

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



C564B6



FFD9F9



7364C5



80697C



000000



808080

Same Dimension

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



C564B6



FF69E8



C56486



635A62



A3008A



24001E

Inverse Universe

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



C564B6



FF69E8



64C5A3



635A62



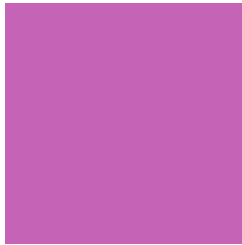
A3008A



24001E

Previews

White Background



This preview shows how the Hex color C564B6 looks on a white background.

Color Contrast Check

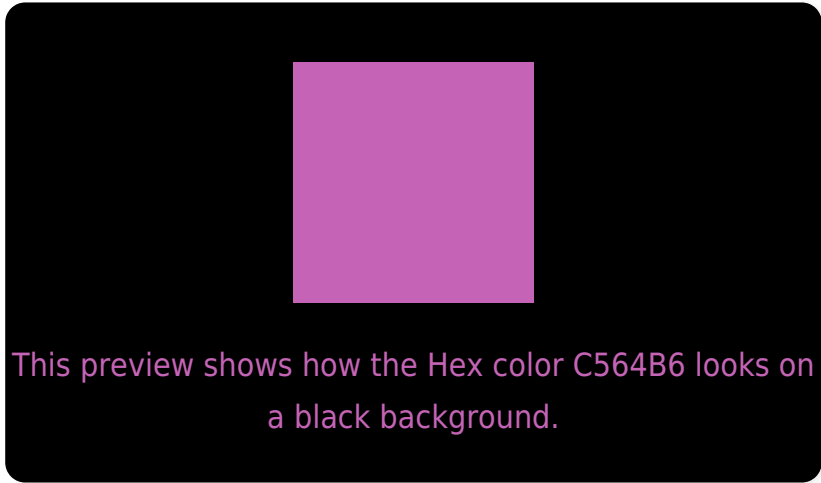
Large Text (above 18pt) WCAG AA ✓ Pass

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

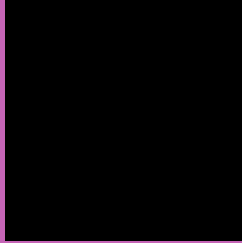
Any Text WCAG AA ✓ Pass

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 C564B6 Background



This preview shows how black text looks on a background with the Hex color C564B6.

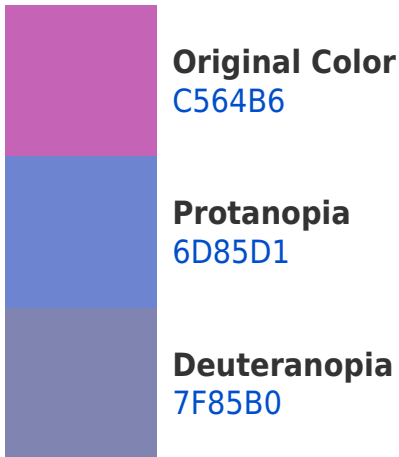


This preview shows how white text looks on a background with the Hex color C564B6.

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](#).

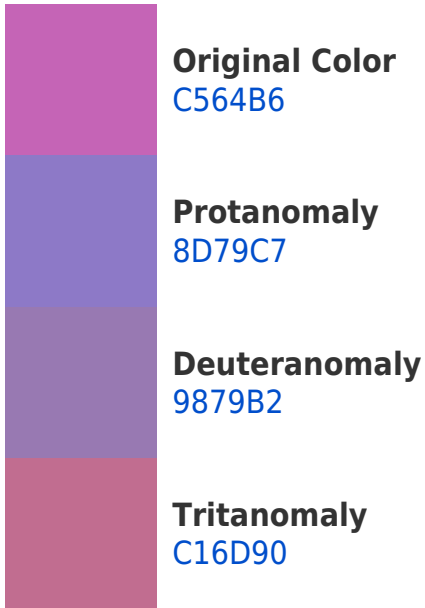
Dichromacy





Tritanopia
BE727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C564B6 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 #C564B6 looks like.

```
.text, #text, p{  
    color:#C564B6  
}
```

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 #C564B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C564B6
}
```

Border

The CSS property to change the border of an element to Hex C564B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

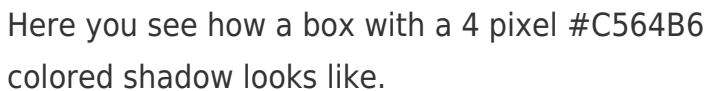
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C564B6 }
```

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

```
.border{ border-color:#C564B6 }
```

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



Here you see how a box with a 4 pixel `#C564B6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C564B6; -webkit-box-shadow:4px 4px  
4px 4px #C564B6; box-shadow:4px 4px 4px  
4px #C564B6 }
```

Background

The CSS property to change the background color of an element to Hex C564B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C564B6 }
```

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

```
.background{ background-color:#C564B6 }
```

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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