

Converting Colors

Hex(C564AE)

Have a look what the booklet for
Hex(C564AE) contains.

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Color

Hex(C564AE)

Conversions

Conversions Part 1

Format	Color
Hex	C564AE
RGB	197, 100, 174
RGB Percent	77%, 39%, 68%
CMY	0.2275, 0.6078, 0.3176
CMYK	0.00, 0.49, 0.12, 0.23
HSL	314°, 46%, 58%
HSV	314°, 49%, 77%
XYZ	35.2231, 24.0407, 42.8282
YIQ	137.4390, 34.0580, 43.5780

Conversions

Conversions Part 2

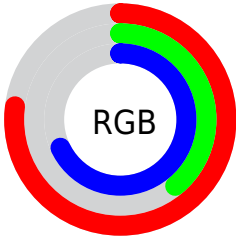
Format	Color
R _Y B	197, 100, 174
Decimal	12936366
CIE Lab	56.13, 48.24, -22.18
CIE LCh	56, 53.098, 335.310
Yxy	24.0407, 0.3450, 0.2355
Android (android.graphics.Color)	4291126446 (0xFFC564AE)
YUV	137.4390, 18.0246, 52.2350
Hunter-Lab	49.0313, 42.4262, -17.4672

Details

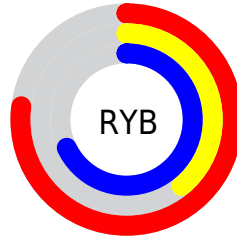
The Hex color **C564AE** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64C57B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF9AE6**, and **8D2F79** is the 20% darker color. If you saturate the color by 10%, you get **C550A9**, and if you desaturate by 10%, it is **C578B3**.

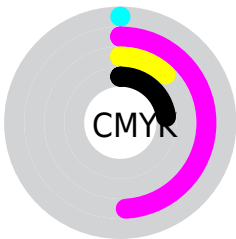
Distribution



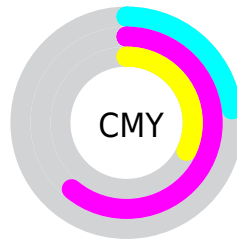
- Red (77%)
- Green (39%)
- Blue (68%)



- Red (77%)
- Yellow (39%)
- Blue (68%)



- Cyan (0%)
- Magenta (49%)
- Yellow (12%)
- Black (23%)



- Cyan (23%)
- Magenta (61%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color C564AE 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 C564AE by changing the saturation by 10% instead.

 C564AE

 C564AE

FFFFFF

 A94A93

 FF9AE6

 8D2F79

 FFB6FF

 721060

 FFD2FF

 570048

 FFEFFF

 3E0032

 26001C

 000000

 C564AE

 C564AE

 C550A9

 C578B3

 C53DA5

 C58BB7

 C529A0

 C59FBC

 C5159B

 C5B3C1

 C50197

 C5C7C5

 C50096

 C5DACA

 C5EECF

 C5FFD3

 C5FFD8

Harmonies

Analogous

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



9377D2



C564AE



DA5C80

Triad

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



C564AE



978722



009CBB

Complementary

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



C564AE



64C57B

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.



009D8E



C564AE



679336

Square

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



C564AE



BD7630



0E9A5E



0095DA

Rectangle

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



C564AE



DA6062



0E9A5E



009DAD

Sweetspot

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



C564AE



FFD9F6



7B64C5



80697A



000000



808080

Same Dimension

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



C564AE



FF69DB



C5647E



635A61



A3007D



24001B

Inverse Universe

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



C564AE



FF69DB



64C5AB



635A61



A3007D



24001B

Previews

White Background



This preview shows how the Hex color C564AE looks on a white background.

Color Contrast Check

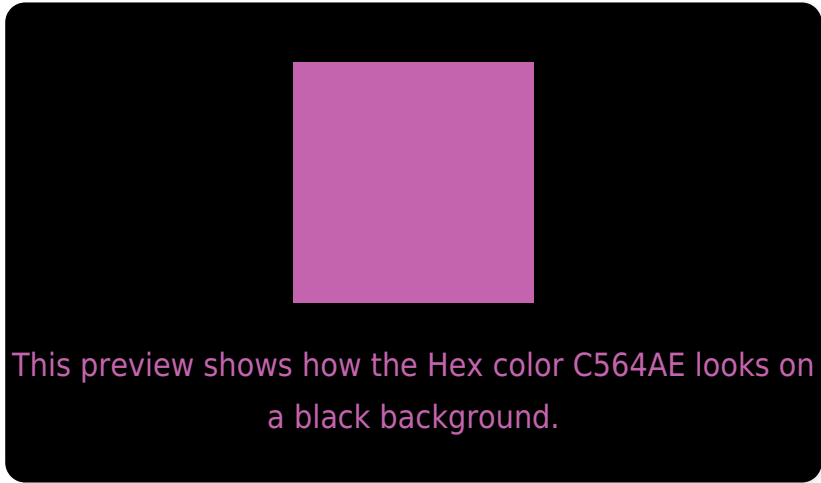
Large Text (above 18pt) WCAG AA ✓ Pass

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 C564AE Background



This preview shows how black text looks on a background with the Hex color C564AE.

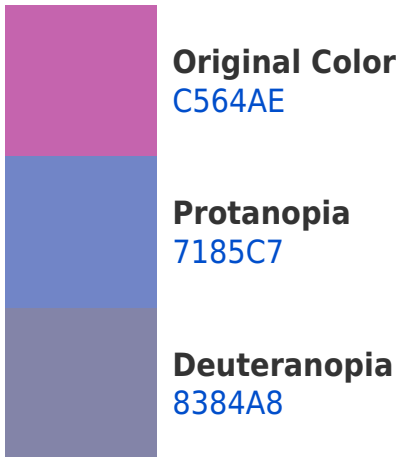


This preview shows how white text looks on a background with the Hex color C564AE.

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](#).

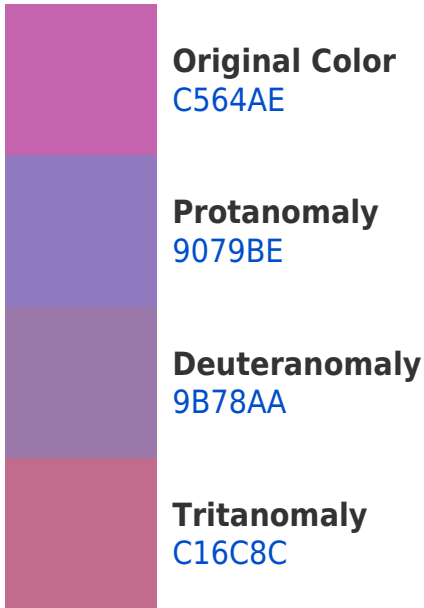
Dichromacy





Tritanopia
BF7078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C564AE 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 #C564AE looks like.

```
.text, #text, p{  
    color:#C564AE  
}
```

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 #C564AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C564AE
}
```

Border

The CSS property to change the border of an element to Hex C564AE 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
#C564AE }
```

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

```
.border{ border-color:#C564AE }
```

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

Here you see how a box with a 4 pixel #C564AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C564AE; -webkit-box-shadow:4px 4px  
4px 4px #C564AE; box-shadow:4px 4px 4px  
4px #C564AE }
```

Background

The CSS property to change the background color of an element to Hex C564AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C564AE }
```

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

```
.background{ background-color:#C564AE }
```

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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