

Converting Colors

Hex(C064A3)

Have a look what the booklet for
Hex(C064A3) contains.

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Color

Hex(C064A3)

Conversions

Conversions Part 1

Format	Color
Hex	C064A3
RGB	192, 100, 163
RGB Percent	75%, 39%, 64%
CMY	0.2471, 0.6078, 0.3608
CMYK	0.00, 0.48, 0.15, 0.25
HSL	319°, 42%, 57%
HSV	319°, 48%, 75%
XYZ	32.9063, 22.9652, 37.3487
YIQ	134.6900, 34.6090, 39.0970

Conversions

Conversions Part 2

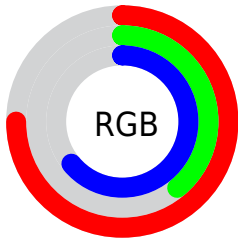
Format	Color
RYB	192, 100, 163
Decimal	12608675
CIELab	55.04, 44.90, -17.53
CIELCh	55, 48.196, 338.677
Yxy	22.9652, 0.3530, 0.2464
Android (android.graphics.Color)	4290798755 (0xFFC064A3)
YUV	134.6900, 13.9568, 50.2609
Hunter-Lab	47.9220, 38.7059, -12.6632

Details

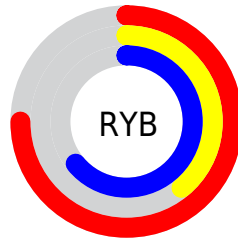
The Hex color **C064A3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64C081**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FA99DA**, and **88306F** is the 20% darker color. If you saturate the color by 10%, you get **C0519D**, and if you desaturate by 10%, it is **C077A9**.

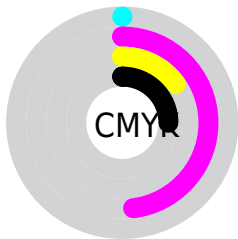
Distribution



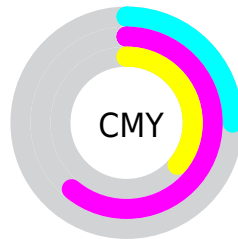
- Red (75%)
- Green (39%)
- Blue (64%)



- Red (75%)
- Yellow (39%)
- Blue (64%)



- Cyan (0%)
- Magenta (48%)
- Yellow (15%)
- Black (25%)



- Cyan (25%)
- Magenta (61%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color C064A3 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 C064A3 by changing the saturation by 10% instead.

 C064A3

 C064A3

FFFFFF

 A44A89

 FA99DA

 88306F

 FFB5F7

 6D1357

 FFD1FF

 53003F

 FFEEFF

 3A0029

 210014

 000000

 C064A3

 C064A3

 C0519D

 C077A9

 C03E97

 C08AAF

 C02A91

 C09EB5

 C0178B

 C0B1BB

 C00485

 C0C4C1

 C00083

 C0D7C7

 C0EACD

 C0FED3

 C0FFD9

Harmonies

Analogous

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



9674C5



C064A3



D15E79

Triad

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



C064A3



8F852C



0097B7

Complementary

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



C064A3



64C081

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.



00988F



C064A3



63903F

Square

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



C064A3



B37734



169664



0090D1

Rectangle

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



C064A3



CF635E



169664



0098AB

Sweetspot

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



C064A3



FAD7EF



8064C0



7D6876



FCFCFC



7D7D7D

Same Dimension

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



C064A3



FA69CC



C06476



61575E



A1006E



210017

Inverse Universe

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



C064A3



FA69CC



64C0AE



61575E



A1006E



210017

Previews

White Background



This preview shows how the Hex color C064A3 looks on a white background.

Color Contrast Check

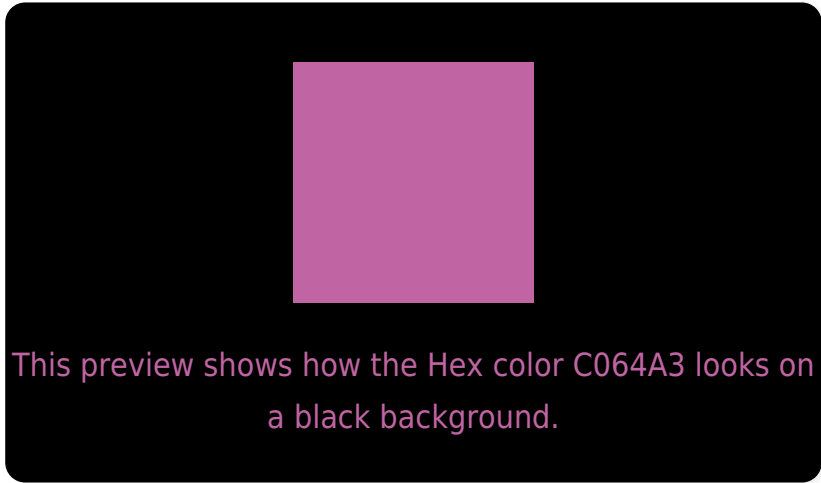
Large Text (above 18pt) WCAG AA ✓ Pass

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 C064A3 Background



This preview shows how black text looks on a background with the Hex color C064A3.

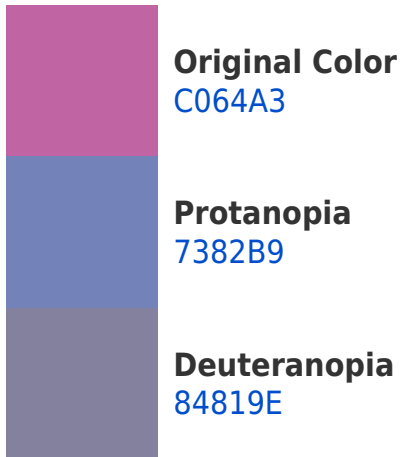


This preview shows how white text looks on a background with the Hex color C064A3.

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
BB6E76

Trichromacy



Original Color
C064A3



Protanomaly
8F77B1



Deuteranomaly
9A76A0



Tritanomaly
BD6A86

Monochromacy



Original Color
C064A3



Achromatopsia
878787



Achromatomaly
9C7A91

CSS Examples

Text

The CSS property to change the color of the text to Hex C064A3 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 #C064A3 looks like.

```
.text, #text, p{  
    color:#C064A3  
}
```

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 #C064A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C064A3
}
```

Border

The CSS property to change the border of an element to Hex C064A3 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
#C064A3 }
```

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

```
.border{ border-color:#C064A3 }
```

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

Here you see how a box with a 4 pixel #C064A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C064A3; -webkit-box-shadow:4px 4px  
4px 4px #C064A3; box-shadow:4px 4px 4px  
4px #C064A3 }
```

Background

The CSS property to change the background color of an element to Hex C064A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C064A3 }
```

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

```
.background{ background-color:#C064A3 }
```

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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