

# Converting Colors

Hex(B64299)

Have a look what the booklet for  
Hex(B64299) contains.

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# Color

**Hex(B64299)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B64299</a>
RGB	<a href="#">182, 66, 153</a>
RGB Percent	<a href="#">71%, 26%, 60%</a>
CMY	<a href="#">0.2863, 0.7412, 0.4000</a>
CMYK	<a href="#">0.00, 0.64, 0.16, 0.29</a>
HSL	<a href="#">315°, 47%, 49%</a>
HSV	<a href="#">315°, 64%, 71%</a>
XYZ	<a href="#">26.9894, 16.1414, 31.8301</a>
YIQ	<a href="#">110.6020, 41.2090, 51.6490</a>

# Conversions

## Conversions Part 2

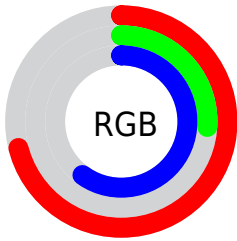
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 66, 153
Decimal	11944601
CIE <sub>Lab</sub>	47.16, 56.40, -23.84
CIE <sub>LCh</sub>	47, 61.233, 337.087
Yxy	16.1414, 0.3600, 0.2153
Android (android.graphics.Color)	4290134681 (0xFFB64299)
YUV	110.6020, 20.9022, 62.6160
Hunter-Lab	40.1764, 49.6027, -18.8496

# Details

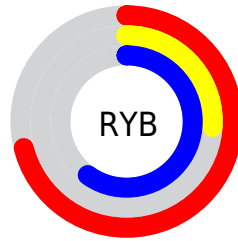
The Hex color **B64299** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **42B65F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F179D0**, and **7E0066** is the 20% darker color. If you saturate the color by 10%, you get **B63094**, and if you desaturate by 10%, it is **B6549E**.

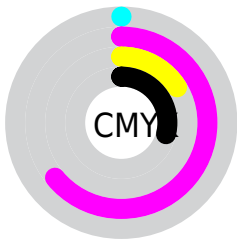
# Distribution



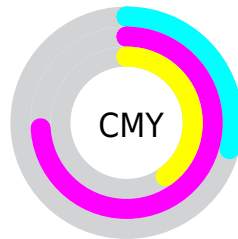
- Red (71%)
- Green (26%)
- Blue (60%)



- Red (71%)
- Yellow (26%)
- Blue (60%)



- Cyan (0%)
- Magenta (64%)
- Yellow (16%)
- Black (29%)



- Cyan (29%)
- Magenta (74%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B64299 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 B64299 by changing the saturation by 10% instead.



 B64299

 B64299

FFFFFF

 9A247F

 F179D0

 7E0066

 FF95EC

 62004D

 FFB1FF

 480036

 FFCDFE

 2F0021

 FFE8FF


 010004

 000000

 B64299

 B64299

 B63094

 B6549E

 B61E90

 B666A2

 B60B8B

 B679A7

 B60089

 B68BAB

 B69DB0

 B6AFB4

 B6C1B9

 B6D4BD

 B6E6C2

# Harmonies

## Analogous

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



7F5CC3



B64299



CA3666

# Triad

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



B64299



7C7200



0086AD

# Complementary

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



B64299



42B65F

# 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.



00877B



B64299



447E0C

# Square

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



B64299



A65E00



008445



0080CF

# Rectangle

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



B64299



C83E44



008445



00879E



# Sweetspot

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



B64299



EDC0E2



5F42B6



785C71



F7F7F7



787878



# Same Dimension

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



B64299



ED39C0



B6425F



5C535A



9C0075



1C0015



# Inverse Universe

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



B64299



ED39C0



42B699



5C535A



9C0075



1C0015



# Previews

## White Background



This preview shows how the Hex color B64299 looks on a white background.

## Color Contrast Check

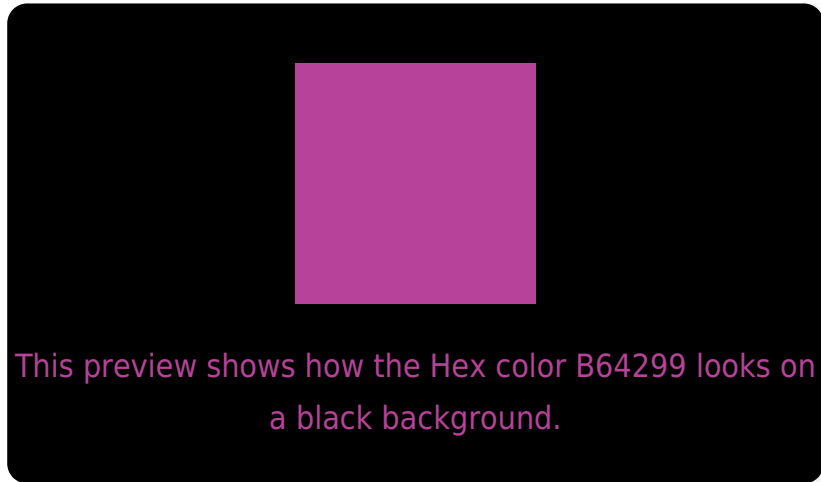
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B64299 Background



This preview shows how black text looks on a background with the Hex color B64299.



This preview shows how white text looks on a background with the Hex color B64299.

# 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**  
B05359

# Trichromacy



**Original Color**  
B64299



**Protanomaly**  
755EB0



**Deuteranomaly**  
855F95



**Tritanomaly**  
B24D70

# Monochromacy



**Original Color**  
B64299



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
895F7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B64299 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 #B64299 looks like.

```
.text, #text, p{  
    color:#B64299  
}
```

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 #B64299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B64299
}
```

## Border

The CSS property to change the border of an element to Hex B64299 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
#B64299 }
```

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

```
.border{ border-color:#B64299 }
```

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

Here you see how a box with a 4 pixel #B64299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B64299; -webkit-box-shadow:4px 4px  
4px 4px #B64299; box-shadow:4px 4px 4px  
4px #B64299 }
```

# Background

The CSS property to change the background color of an element to Hex B64299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B64299 }
```

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

```
.background{ background-color:#B64299 }
```

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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