

# Converting Colors

Hex(A64296)

Have a look what the booklet for  
Hex(A64296) contains.

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**Color**

**Hex(A64296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A64296
RGB	166, 66, 150
RGB Percent	65%, 26%, 59%
CMY	0.3490, 0.7412, 0.4118
CMYK	0.00, 0.60, 0.10, 0.35
HSL	310°, 43%, 45%
HSV	310°, 60%, 65%
XYZ	23.1791, 14.2054, 30.3744
YIQ	105.4760, 32.6360, 47.3240

# Conversions

## Conversions Part 2

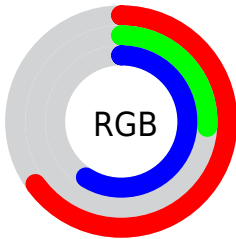
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 66, 150
Decimal	10896022
CIE <sub>Lab</sub>	44.53, 51.50, -26.33
CIE <sub>LCh</sub>	45, 57.835, 332.923
Yxy	14.2054, 0.3421, 0.2096
Android (android.graphics.Color)	4289086102 (0xFFA64296)
YUV	105.4760, 21.9503, 53.0795
Hunter-Lab	37.6901, 43.8185, -21.3987

# Details

The Hex color **A64296** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **42A652**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **DF78CC**, and **6F0063** is the 20% darker color. If you saturate the color by 10%, you get **A63193**, and if you desaturate by 10%, it is **A65399**.

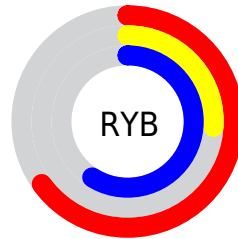
# Distribution



Red (65%)

Green (26%)

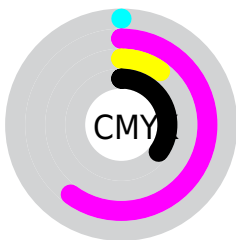
Blue (59%)



Red (65%)

Yellow (26%)

Blue (59%)

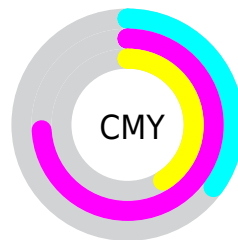


Cyan (0%)

Magenta (60%)

Yellow (10%)

Black (35%)



Cyan (35%)

Magenta (74%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A64296 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 A64296 by changing the saturation by 10% instead.



 A64296

 A64296

FFFFFF

 8A267C

 DF78CC

 6F0063

 FD93E9

 55004B

 FFAFFF

 3B0034

 FFCBFF

 22001E

 FFE8FF

 000000

 A64296

 A64296

 A63193

 A65399

 A62191

 A6639B

 A6108E

 A6749E

 A6008B

 A684A1

 A695A3

 A6A6A6

 A6B6A9

 A6C7AB

 A6D7AE

# Harmonies

## Analogous

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



6E5ABB



A64296



BD3467

# Triad

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



A64296



7B6900



007E9D

# Complementary

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



A64296



42A652

# 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.



007F6D



A64296



497504

# Square

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



A64296



A15608



007C3B



0079BF

# Rectangle

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



A64296



BD3947



007C3B



007F8E



# Sweetspot

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



A64296



D9B2D3



5142A6



6E566A



EDEDED



6E6E6E



# Same Dimension

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



A64296



D93DC0



A64265



544C53



94007C



140011



# Inverse Universe

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



A64296



D93DC0



42A683



544C53



94007C



140011



# Previews

## White Background



This preview shows how the Hex color A64296 looks on a white background.

## Color Contrast Check

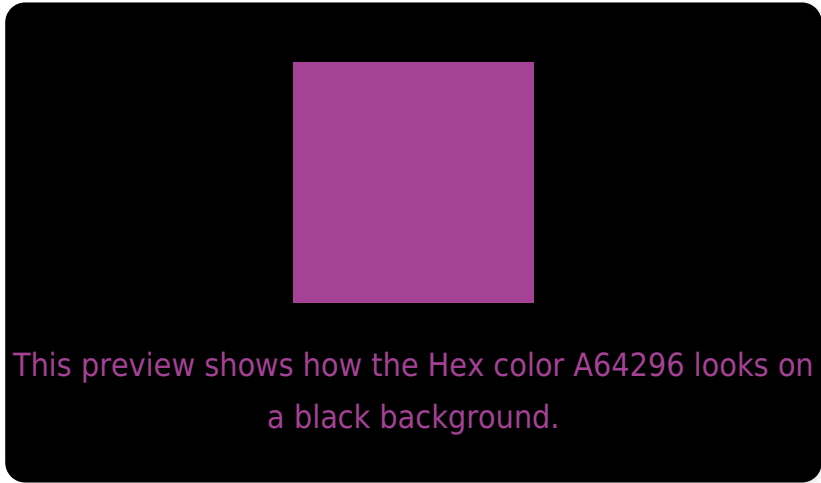
Large Text (above 18pt) WCAG AA ✓ Pass

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

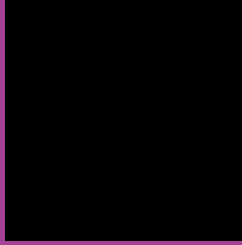
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A64296 Background



This preview shows how black text looks on a background with the Hex color A64296.



This preview shows how white text looks on a background with the Hex color A64296.

# 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**  
9F5258

# Trichromacy



**Original Color**  
A64296

**Protanomaly**  
6A5AAA

**Deuteranomaly**  
795A92

**Tritanomaly**  
A24C6F

# Monochromacy



**Original Color**  
A64296

**Achromatopsia**  
696969

**Achromatomaly**  
7F5B79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A64296 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 #A64296 looks like.

```
.text, #text, p{  
    color:#A64296  
}
```

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 #A64296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64296
}
```

## Border

The CSS property to change the border of an element to Hex A64296 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
#A64296 }
```

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

```
.border{ border-color:#A64296 }
```

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

Here you see how a box with a 4 pixel #A64296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64296; -webkit-box-shadow:4px 4px  
4px 4px #A64296; box-shadow:4px 4px 4px  
4px #A64296 }
```

# Background

The CSS property to change the background color of an element to Hex A64296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64296 }
```

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

```
.background{ background-color:#A64296 }
```

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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