

# Converting Colors

Hex(B61295)

Have a look what the booklet for  
Hex(B61295) contains.

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**Color**

**Hex(B61295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B61295
RGB	182, 18, 149
RGB Percent	71%, 7%, 58%
CMY	0.2863, 0.9294, 0.4157
CMYK	0.00, 0.90, 0.18, 0.29
HSL	312°, 82%, 39%
HSV	312°, 90%, 71%
XYZ	24.9325, 12.5476, 29.5416
YIQ	81.9700, 55.6930, 75.5090

# Conversions

## Conversions Part 2

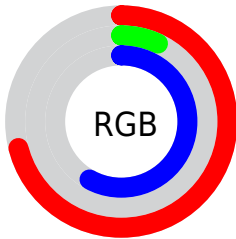
Format	Color
R <sub>Y</sub> B	182, 18, 149
Decimal	11932309
CIE Lab	42.07, 69.75, -29.35
CIE LCh	42, 75.676, 337.181
Yxy	12.5476, 0.3720, 0.1872
Android (android.graphics.Color)	4290122389 (0xFFB61295)
YUV	81.9700, 33.0458, 87.7263
Hunter-Lab	35.4226, 63.6492, -24.6506

# Details

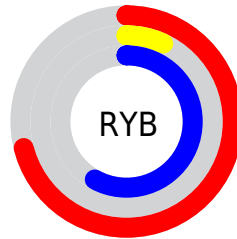
The Hex color **B61295** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **12B633**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F25ACB**, and **7C0062** is the 20% darker color. If you saturate the color by 10%, you get **B60091**, and if you desaturate by 10%, it is **B62499**.

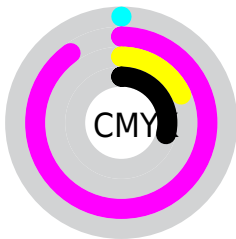
# Distribution



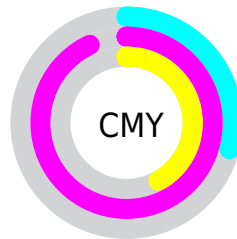
- Red (71%)
- Green (7%)
- Blue (58%)



- Red (71%)
- Yellow (7%)
- Blue (58%)



- Cyan (0%)
- Magenta (90%)
- Yellow (18%)
- Black (29%)



- Cyan (29%)
- Magenta (93%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B61295 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 B61295 by changing the saturation by 10% instead.



 B61295

 B61295

FFFFFF

 99007B

 F25ACB

 7C0062

 FF77E8

 60004A

 FF94FF

 460033

 FFB1FF

 2A001D

 FFCFFF

 000000

 FFECFF

 B61295

 B61295

 B60091

 B62499

 B6369C

 B649A0

 B65BA4

 B66DA7

 B67FAB

 B691AF

 B6A4B2

 B6B6B6

# Harmonies

## Analogous

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



7149C8



B61295



CC0057

# Triad

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



B61295



6C6600



007CAE

# Complementary

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



B61295



12B633

# 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.



007C71



B61295



1F7300

# Square

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



B61295



9F4D00



007A2F



0077D8

# Rectangle

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



B61295



C8032F



007A2F



007D9B



# Sweetspot

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



B61295



EDADE0



3312B6



785170



F7F7F7



787878



# Same Dimension

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



B61295



ED00BD



B61243



5C535A



9C007C



1C0016



# Inverse Universe

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



B61295



ED00BD



12B685



5C535A



9C007C



1C0016



# Previews

## White Background



This preview shows how the Hex color B61295 looks on a white background.

## Color Contrast Check

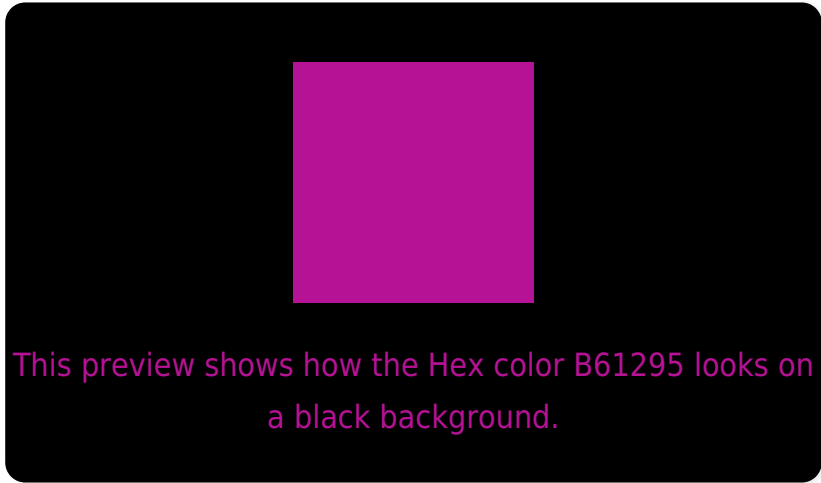
Large Text (above 18pt) WCAG AA ✓ Pass

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

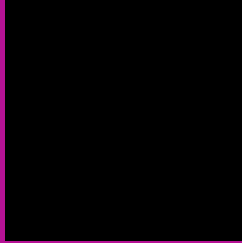
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B61295 Background



This preview shows how black text looks on a background with the Hex color B61295.



This preview shows how white text looks on a background with the Hex color B61295.

# Color Blindness Simulation

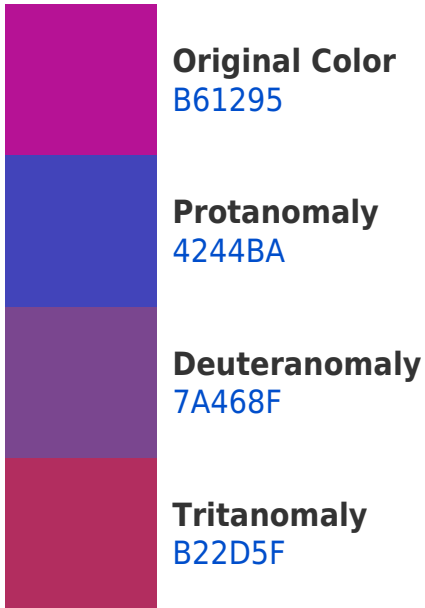
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

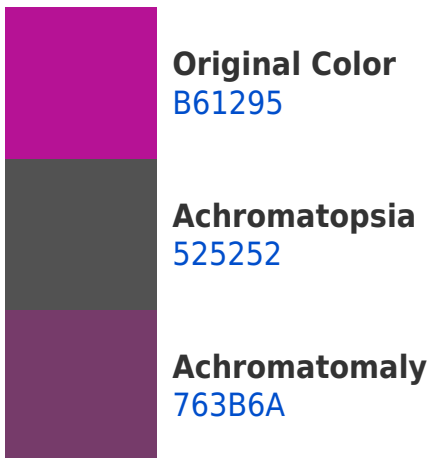




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B61295 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 #B61295 looks like.

```
.text, #text, p{  
    color:#B61295  
}
```

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 #B61295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B61295
}
```

## Border

The CSS property to change the border of an element to Hex B61295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

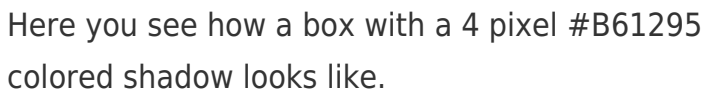
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B61295 }
```

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

```
.border{ border-color:#B61295 }
```

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



Here you see how a box with a 4 pixel #B61295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B61295; -webkit-box-shadow:4px 4px  
4px 4px #B61295; box-shadow:4px 4px 4px  
4px #B61295 }
```

# Background

The CSS property to change the background color of an element to Hex B61295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B61295 }
```

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

```
.background{ background-color:#B61295 }
```

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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