

# Converting Colors

Hex(7137BC)

Have a look what the booklet for  
Hex(7137BC) contains.

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# Color

Hex(7137BC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7137BC
RGB	113, 55, 188
RGB Percent	44%, 22%, 74%
CMY	0.5569, 0.7843, 0.2627
CMYK	0.40, 0.71, 0.00, 0.26
HSL	266°, 55%, 48%
HSV	266°, 71%, 74%
XYZ	17.2533, 9.8739, 48.5735
YIQ	87.5040, -8.1250, 53.6590

# Conversions

## Conversions Part 2

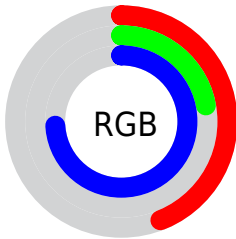
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	113, 55, 188
Decimal	7419836
CIE Lab	37.62, 52.01, -60.38
CIE LCh	38, 79.688, 310.739
Yxy	9.8739, 0.2279, 0.1304
Android (android.graphics.Color)	4285609916 (0xFF7137BC)
YUV	87.5040, 49.5445, 22.3600
Hunter-Lab	31.4228, 43.0192, -69.6547

# Details

The Hex color **7137BC** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **82BC37**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AA6AF5**, and **370086** is the 20% darker color. If you saturate the color by 10%, you get **6624BC**, and if you desaturate by 10%, it is **7C4ABC**.

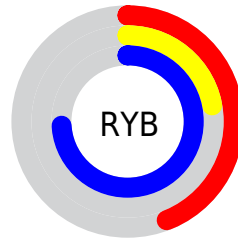
# Distribution



Red (44%)

Green (22%)

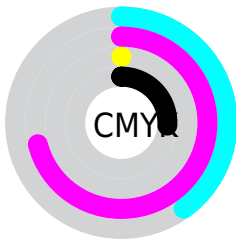
Blue (74%)



Red (44%)

Yellow (22%)

Blue (74%)

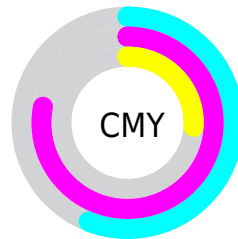


Cyan (40%)

Magenta (71%)

Yellow (0%)

Black (26%)



Cyan (56%)

Magenta (78%)

Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 7137BC 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 7137BC by changing the saturation by 10% instead.



 7137BC

 7137BC

FFFFFF

 551CA0

 AA6AF5

 370086

 C785FF

 13006B

 E5A0FF

 000052

 FFBCFF

 00063A


 FFD8FF


 000224

 FFF5FF

 00000B

 000000

 7137BC

 7137BC

■ 6624BC

■ 7C4ABC

■ 5C11BC

■ 865DBC

■ 5200BC

■ 916FBC

■ 9B82BC

■ A695BC

■ B1A8BC

■ BBBBBC

■ C6CDBC

■ D0E0BC

# Harmonies

## Analogous

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



005BDA



7137BC



B20085

# Triad

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



7137BC



8D4500



00716F

# Complementary

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



7137BC



82BC37

# 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.



006F2A



7137BC



585E00

# Square

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



7137BC



B40A00



006A00



0071AD

# Rectangle

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



7137BC



C1005A



006A00



007159



# Sweetspot

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



7137BC



D8C1F5



3782BC



695C7A



FAFAFA



7A7A7A



# Same Dimension

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



7137BC



7F25F5



B337BC



59555E



45009E



0D001F



# Inverse Universe

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



BC3782



F5259A



40BC37



5E555A



9E0059

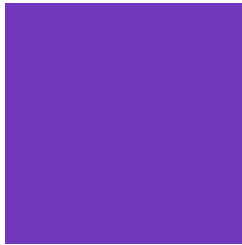


1F0011



# Previews

## White Background



This preview shows how the Hex color 7137BC 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

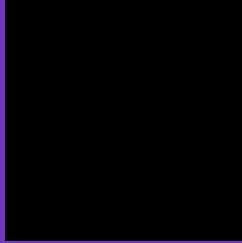
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7137BC Background



This preview shows how black text looks on a background with the Hex color 7137BC.

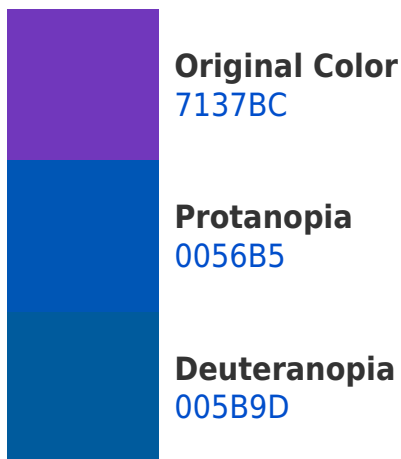


This preview shows how white text looks on a background with the Hex color 7137BC.

# 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](#).

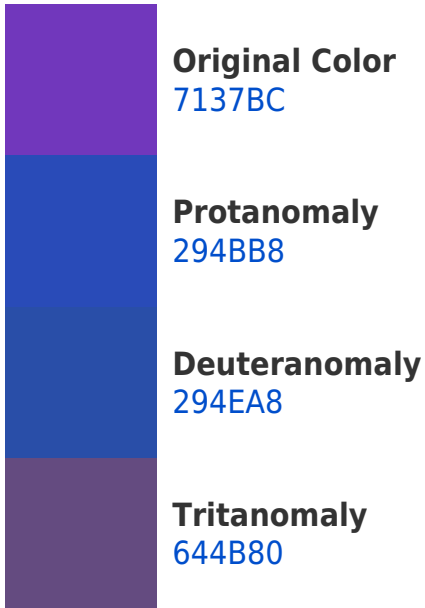
## Dichromacy



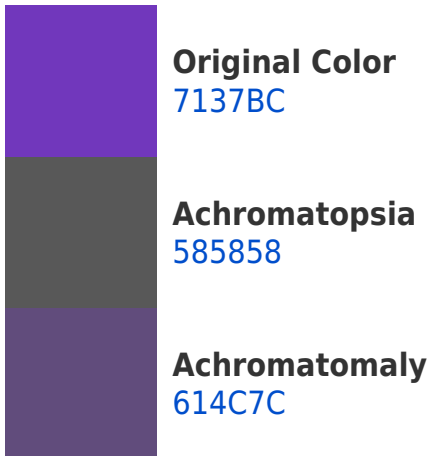


**Tritanopia**  
5C575E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7137BC 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 #7137BC looks like.

```
.text, #text, p{  
    color:#7137BC  
}
```

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 #7137BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7137BC
}
```

## Border

The CSS property to change the border of an element to Hex 7137BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

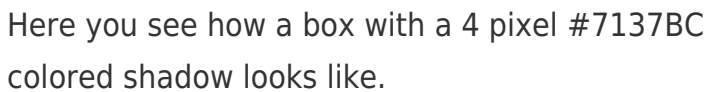
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7137BC }
```

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

```
.border{ border-color:#7137BC }
```

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



Here you see how a box with a 4 pixel #7137BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7137BC; -webkit-box-shadow:4px 4px  
4px 4px #7137BC; box-shadow:4px 4px 4px  
4px #7137BC }
```

# Background

The CSS property to change the background color of an element to Hex 7137BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7137BC }
```

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

```
.background{ background-color:#7137BC }
```

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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