

# Converting Colors

Hex(7137C8)

Have a look what the booklet for  
Hex(7137C8) contains.

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# Color

**Hex(7137C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7137C8
RGB	113, 55, 200
RGB Percent	44%, 22%, 78%
CMY	0.5569, 0.7843, 0.2157
CMYK	0.43, 0.72, 0.00, 0.22
HSL	264°, 57%, 50%
HSV	264°, 72%, 78%
XYZ	18.6016, 10.4132, 55.6731
YIQ	88.8720, -11.9770, 57.3910

# Conversions

## Conversions Part 2

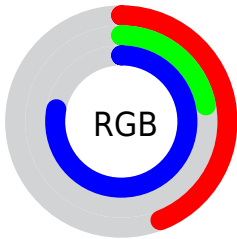
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 55, 200
Decimal	7419848
CIE <sub>Lab</sub>	38.57, 55.06, -65.84
CIE <sub>LCh</sub>	39, 85.826, 309.908
Yxy	10.4132, 0.2196, 0.1230
Android (android.graphics.Color)	4285609928 (0xFF7137C8)
YUV	88.8720, 54.7861, 21.1603
Hunter-Lab	32.2695, 46.4236, -79.7017

# Details

The Hex color **7137C8** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **8EC837**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **AB6BFF**, and **340091** is the 20% darker color. If you saturate the color by 10%, you get **6523C8**, and if you desaturate by 10%, it is **7D4BC8**.

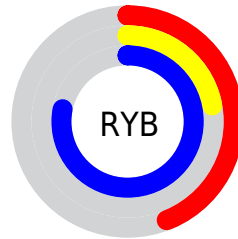
# Distribution



Red (44%)

Green (22%)

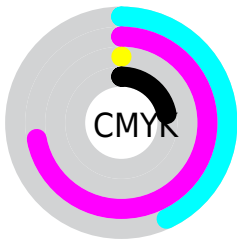
Blue (78%)



Red (44%)

Yellow (22%)

Blue (78%)

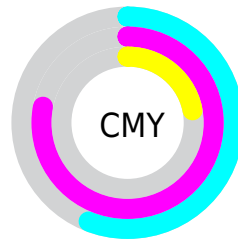


Cyan (43%)

Magenta (72%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (78%)


Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7137C8 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 7137C8 by changing the saturation by 10% instead.



 7137C8

 7137C8

FFFFFF

 541CAC

 AB6BFF

 340091

 C985FF

 070076

 E6A1FF

 00005D

 FFBCFF

 000344


 FFD9FF


 00032D

 FFF6FF

 000117

 000000

 7137C8

 7137C8

 6523C8

 7D4BC8

 590FC8

 895FC8

 5000C8

 9573C8

 A187C8

 AD9BC8

 B9AFC8

 C5C3C8

 D1D7C8

 DDEBC8

# Harmonies

## Analogous

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



005EE8



7137C8



BA008C

# Triad

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



7137C8



944500



007571

# Complementary

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



7137C8



8EC837

# 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.



007226



7137C8



5B6000

# Square

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



7137C8



BD0000



006D00



0075B4

# Rectangle

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



7137C8



CB005E



006D00



007459



# Sweetspot

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



7137C8



DDC7FF



378EC8



6C5E80



000000



808080



# Same Dimension

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



7137C8



7A21FF



BA37C8



5D5A63



4100A3



0E0024



# Inverse Universe

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



C8378E



FF21A6



46C837



635A5F



A30062

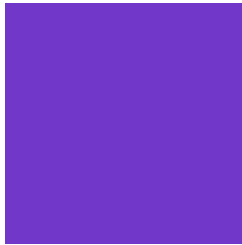


240015



# Previews

## White Background



This preview shows how the Hex color 7137C8 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

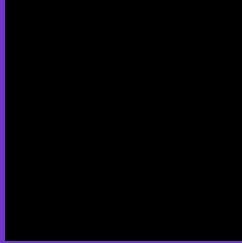
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7137C8 Background



This preview shows how black text looks on a background with the Hex color 7137C8.

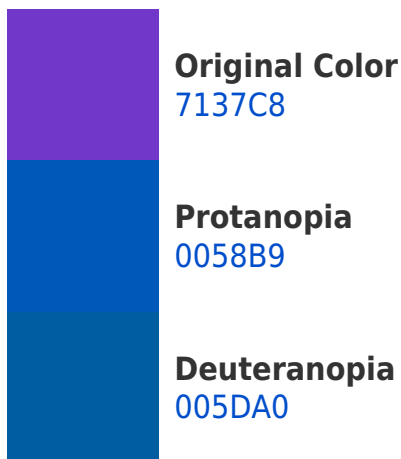


This preview shows how white text looks on a background with the Hex color 7137C8.

# 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](#).

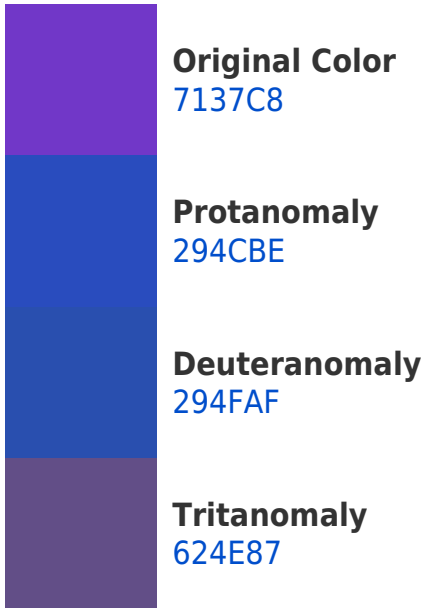
## Dichromacy





**Tritanopia**  
595B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7137C8 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 #7137C8 looks like.

```
.text, #text, p{  
    color:#7137C8  
}
```

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 #7137C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7137C8
}
```

## Border

The CSS property to change the border of an element to Hex 7137C8 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
#7137C8 }
```

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

```
.border{ border-color:#7137C8 }
```

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

Here you see how a box with a 4 pixel #7137C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7137C8; -webkit-box-shadow:4px 4px  
4px 4px #7137C8; box-shadow:4px 4px 4px  
4px #7137C8 }
```

# Background

The CSS property to change the background color of an element to Hex 7137C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7137C8 }
```

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

```
.background{ background-color:#7137C8 }
```

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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