

# Converting Colors

Hex(7151D1)

Have a look what the booklet for  
Hex(7151D1) contains.

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# Color

**Hex(7151D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7151D1
RGB	113, 81, 209
RGB Percent	44%, 32%, 82%
CMY	0.5569, 0.6824, 0.1804
CMYK	0.46, 0.61, 0.00, 0.18
HSL	255°, 58%, 57%
HSV	255°, 61%, 82%
XYZ	21.2611, 13.9990, 61.9031
YIQ	105.1600, -22.0160, 46.5920

# Conversions

## Conversions Part 2

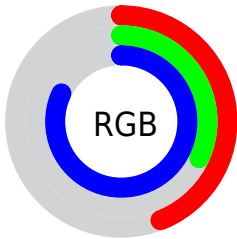
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 81, 209
Decimal	7426513
CIE <sub>Lab</sub>	44.23, 43.90, -61.84
CIE <sub>LCh</sub>	44, 75.835, 305.372
Yxy	13.9990, 0.2188, 0.1441
Android (android.graphics.Color)	4285616593 (0xFF7151D1)
YUV	105.1600, 51.1931, 6.8757
Hunter-Lab	37.4153, 35.9554, -71.9039

# Details

The Hex color **7151D1** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **B1D151**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AB84FF**, and **352199** is the 20% darker color. If you saturate the color by 10%, you get **613CD1**, and if you desaturate by 10%, it is **8166D1**.

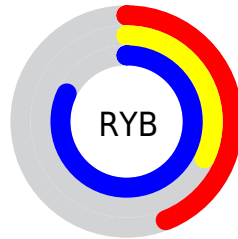
# Distribution



Red (44%)

Green (32%)

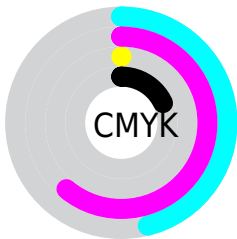
Blue (82%)



Red (44%)

Yellow (32%)

Blue (82%)

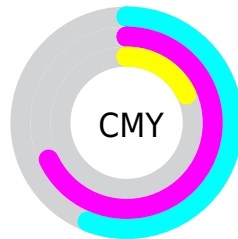


Cyan (46%)

Magenta (61%)

Yellow (0%)

Black (18%)



Cyan (56%)

Magenta (68%)


Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7151D1 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 7151D1 by changing the saturation by 10% instead.



 7151D1

 7151D1

FFFFFF

 5439B5

 AB84FF

 352199

 C89EFF

 09097F

 E6BAFF

 000065

 FFD6FF


 00004C


 FFF2FF

 000434

 00021E

 000000

 7151D1

 7151D1

613CD1

8166D1

5227D1

907BD1

4212D1

A090D1

3400D1

B0A5D1

BFBAD1

CFCED1

DFE3D1

EEF8D1

FEFFD1

# Harmonies

## Analogous

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



006EE8



7151D1



BA219E

# Triad

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



7151D1



A85000



008273

# Complementary

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



7151D1



B1D151

# 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.



007F2F



7151D1



766A00

# Square

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



7151D1



CA2623



2E7800



0082B1

# Rectangle

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



7151D1



CF0075



2E7800



00825D



# Sweetspot

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



7151D1



DDD1FF



51B1D1



6A6380



000000



808080



# Same Dimension

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



7151D1



7345FF



B151D1



615E69



2A00A8



0A0029



# Inverse Universe

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



D151B1



FF45D0



71D151



695E66



A8007E

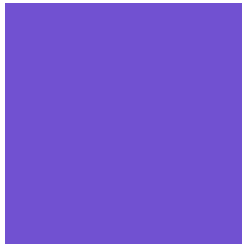


29001F



# Previews

## White Background



This preview shows how the Hex color 7151D1 looks on a white background.

## Color Contrast Check

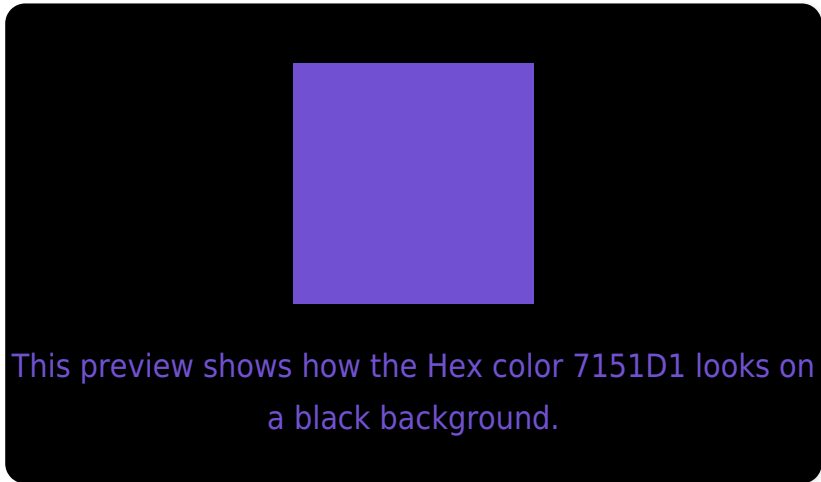
Large Text (above 18pt) WCAG AA ✓ Pass

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

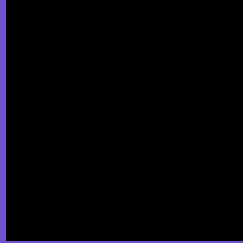
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7151D1 Background



This preview shows how black text looks on a background with the Hex color 7151D1.



This preview shows how white text looks on a background with the Hex color 7151D1.

# 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



**Original Color**  
7151D1

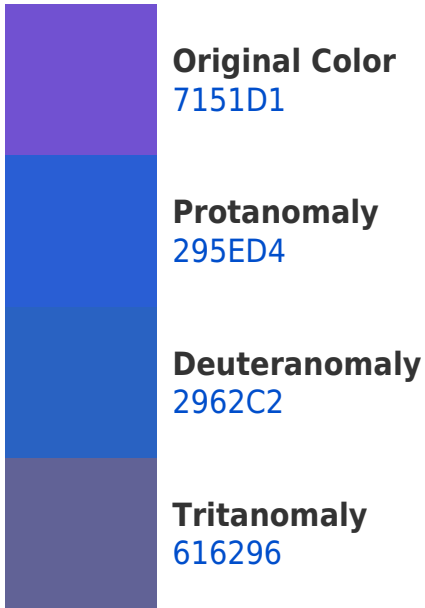
**Protanopia**  
0065D6

**Deuteranopia**  
006BBA



**Tritanopia**  
586B74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7151D1 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 #7151D1 looks like.

```
.text, #text, p{  
    color:#7151D1  
}
```

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 #7151D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7151D1
}
```

## Border

The CSS property to change the border of an element to Hex 7151D1 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
#7151D1 }
```

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

```
.border{ border-color:#7151D1 }
```

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

Here you see how a box with a 4 pixel #7151D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7151D1; -webkit-box-shadow:4px 4px  
4px 4px #7151D1; box-shadow:4px 4px 4px  
4px #7151D1 }
```

# Background

The CSS property to change the background color of an element to Hex 7151D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7151D1 }
```

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

```
.background{ background-color:#7151D1 }
```

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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