

# Converting Colors

Hex(7031D8)

Have a look what the booklet for  
Hex(7031D8) contains.

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# Color

**Hex(7031D8)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7031D8                     |
| RGB           | 112, 49, 216               |
| RGB Percent   | 44%, 19%, 85%              |
| CMY           | 0.5608, 0.8078, 0.1529     |
| CMYK          | 0.48, 0.77, 0.00, 0.15     |
| HSL           | 263°, 68%, 52%             |
| HSV           | 263°, 77%, 85%             |
| XYZ           | 20.1751, 10.5992, 65.9483  |
| YIQ           | 86.8750, -16.0590, 65.2930 |

# Conversions

## Conversions Part 2

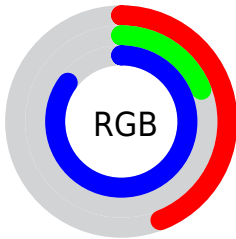
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 112, 49, 216                  |
| Decimal                             | 7352792                       |
| CIE <sub>Lab</sub>                  | 38.90, 61.63, -74.57          |
| CIE <sub>LCh</sub>                  | 39, 96.742, 309.576           |
| Yxy                                 | 10.5992, 0.2086,<br>0.1096    |
| Android<br>(android.graphics.Color) | 4285542872<br>(0xFF7031D8)    |
| YUV                                 | 86.8750, 63.6586,<br>22.0346  |
| Hunter-Lab                          | 32.5565, 53.6417,<br>-97.3117 |

# Details

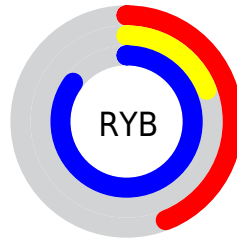
The Hex color **7031D8** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **99D831**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **AC66FF**, and **2E00A0** is the 20% darker color. If you saturate the color by 10%, you get **631BD8**, and if you desaturate by 10%, it is **7D47D8**.

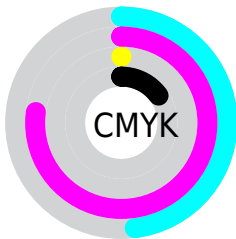
# Distribution



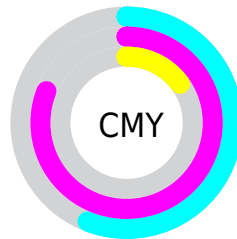
- Red (44%)
- Green (19%)
- Blue (85%)



- Red (44%)
- Yellow (19%)
- Blue (85%)



- Cyan (48%)
- Magenta (77%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (81%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7031D8 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 7031D8 by changing the saturation by 10% instead.



 7031D8

 7031D8

FFFFFF

 5112BC

 AC66FF

 2E00A0

 CA81FF

 000085

 E89DFF

 00006B

 FFB8FF

 000051

 FFD5FF

 000539

 FFF2FF

 000223

 000009

 000000

 7031D8

 7031D8

 631BD8

 7D47D8

 5506D8

 8B5CD8

 5100D8

 9872D8

 A687D8

 B39DD8

 C1B3D8

 CEC8D8

 DCDED8

 E9F3D8

# Harmonies

## Analogous

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



0061FC



7031D8



C50094

# Triad

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



7031D8



9A4100



007774

# Complementary

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



7031D8



99D831

# 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.



00751D



7031D8



5A6100

# Square

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



7031D8



C80000



006F00



0078C0

# Rectangle

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



7031D8



D90061



006F00



007759



# Sweetspot

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



7031D8



DAC4FF



319BD8



695C80



000000



808080



# Same Dimension

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



7031D8



6B12FF



C231D8



64606B



4000AB



10002B



# Inverse Universe

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



D83199



FF12A6



47D831



6B6067



AB006A

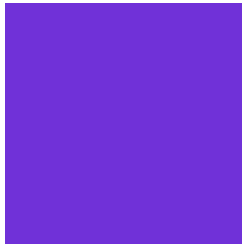


2B001B



# Previews

## White Background



This preview shows how the Hex color 7031D8 looks on a white background.

## Color Contrast Check

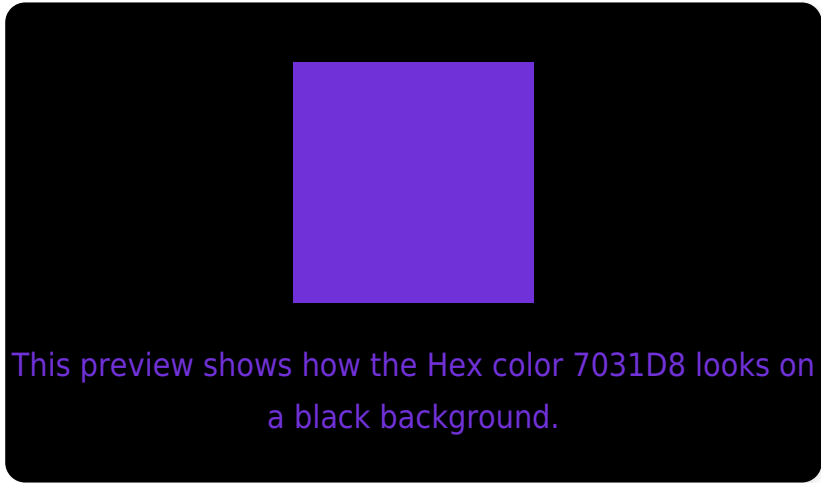
Large Text (above 18pt) WCAG AA ✓ Pass

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

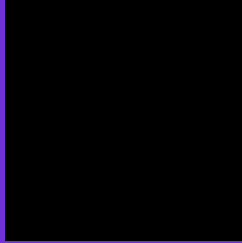
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7031D8 Background



This preview shows how black text looks on a background with the Hex color 7031D8.

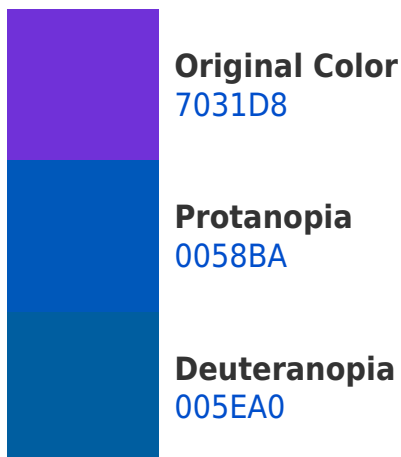


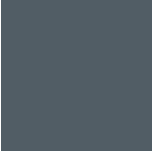
This preview shows how white text looks on a background with the Hex color 7031D8.

# 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](#).

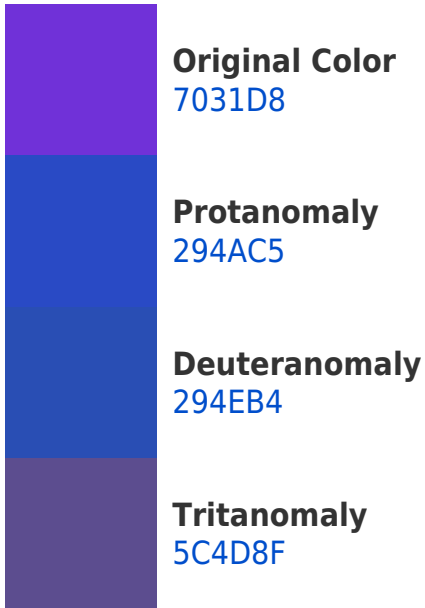
## Dichromacy



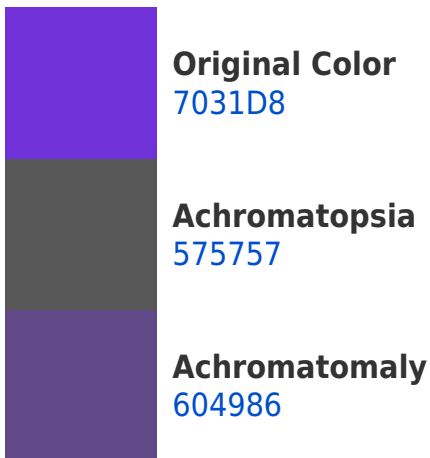


**Tritanopia**  
515D65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7031D8 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 #7031D8 looks like.

```
.text, #text, p{  
    color:#7031D8  
}
```

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 #7031D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7031D8
}
```

## Border

The CSS property to change the border of an element to Hex 7031D8 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
#7031D8 }
```

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

```
.border{ border-color:#7031D8 }
```

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

Here you see how a box with a 4 pixel #7031D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7031D8; -webkit-box-shadow:4px 4px  
4px 4px #7031D8; box-shadow:4px 4px 4px  
4px #7031D8 }
```

# Background

The CSS property to change the background color of an element to Hex 7031D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7031D8 }
```

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

```
.background{ background-color:#7031D8 }
```

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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