

# Converting Colors

Hex(7027D8)

Have a look what the booklet for  
Hex(7027D8) contains.

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**Color**

**Hex(7027D8)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7027D8                     |
| RGB           | 112, 39, 216               |
| RGB Percent   | 44%, 15%, 85%              |
| CMY           | 0.5608, 0.8471, 0.1529     |
| CMYK          | 0.48, 0.82, 0.00, 0.15     |
| HSL           | 265°, 69%, 50%             |
| HSV           | 265°, 82%, 85%             |
| XYZ           | 19.8023, 9.8537, 65.8240   |
| YIQ           | 81.0050, -13.3090, 70.5230 |

# Conversions

## Conversions Part 2

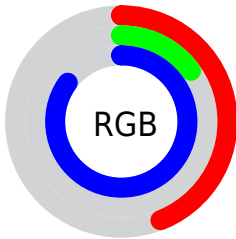
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 112, 39, 216                   |
| Decimal                             | 7350232                        |
| CIE Lab                             | 37.58, 65.47, -76.73           |
| CIE LCh                             | 38, 100.869, 310.471           |
| Yxy                                 | 9.8537, 0.2074,<br>0.1032      |
| Android<br>(android.graphics.Color) | 4285540312<br>(0xFF7027D8)     |
| YUV                                 | 81.0050, 66.5525,<br>27.1826   |
| Hunter-Lab                          | 31.3905, 57.6708,<br>-102.3541 |

# Details

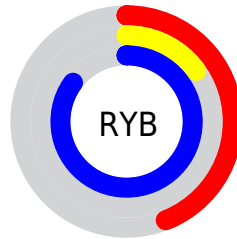
The Hex color **7027D8** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **8FD827**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **AD5FFF**, and **2D00A0** is the 20% darker color. If you saturate the color by 10%, you get **6311D8**, and if you desaturate by 10%, it is **7D3DD8**.

# Distribution



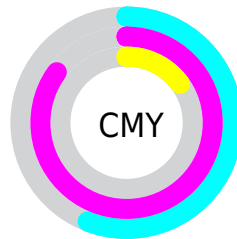
- Red (44%)
- Green (15%)
- Blue (85%)



- Red (44%)
- Yellow (15%)
- Blue (85%)



- Cyan (48%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (85%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7027D8 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 7027D8 by changing the saturation by 10% instead.



7027D8

7027D8

FFFFFF

5100BC

AD5FFF

2D00A0

CB7AFF

000085

E995FF

00006A

FFB1FF

000151

FFCEFF

000539

FFE8FF

000222

000009

000000

 7027D8

 7027D8

 6311D8

 7D3DD8

 5900D8

 8952D8

 9668D8

 A37DD8

 AF93D8

 BCA9D8

 C9BED8

 D6D4D8

 E2E9D8

# Harmonies

## Analogous

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



005DFF



7027D8



C60091

# Triad

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



7027D8



963E00



007474

# Complementary

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



7027D8



8FD827

# 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.



007219



7027D8



525F00

# Square

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



7027D8



C60000



006D00



0076C3

# Rectangle

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



7027D8



D9005B



006D00



007458



# Sweetspot

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



7027D8



DABFFF



2791D8



695980



000000



808080



# Same Dimension

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



7027D8



6C05FF



C627D8



65606B



4600AB



12002B



# Inverse Universe

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



D8278F



FF0598



39D827



6B6067



AB0064

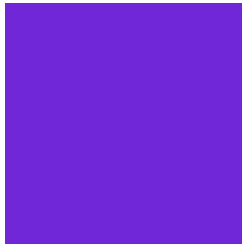


2B0019



# Previews

## White Background



This preview shows how the Hex color 7027D8 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

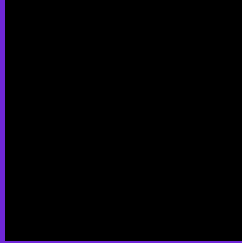
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7027D8 Background



This preview shows how black text looks on a background with the Hex color 7027D8.

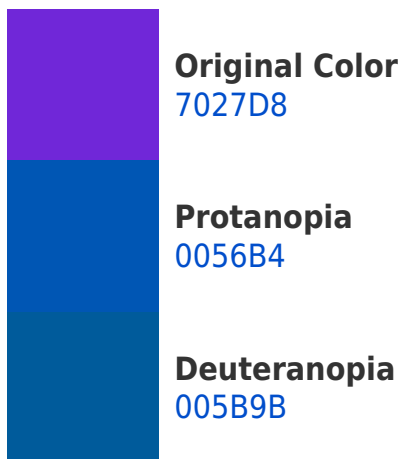



This preview shows how white text looks on a background with the Hex color 7027D8.

# 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**  
505A61

# Trichromacy



**Original Color**  
7027D8



**Protanomaly**  
2945C1



**Deuteranomaly**  
2948B1



**Tritanomaly**  
5C478C

# Monochromacy



**Original Color**  
7027D8



**Achromatopsia**  
515151



**Achromatomaly**  
5C4282

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7027D8 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 #7027D8 looks like.

```
.text, #text, p{  
    color:#7027D8  
}
```

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 #7027D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7027D8
}
```

## Border

The CSS property to change the border of an element to Hex 7027D8 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
#7027D8 }
```

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

```
.border{ border-color:#7027D8 }
```

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

Here you see how a box with a 4 pixel #7027D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7027D8; -webkit-box-shadow:4px 4px  
4px 4px #7027D8; box-shadow:4px 4px 4px  
4px #7027D8 }
```

# Background

The CSS property to change the background color of an element to Hex 7027D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7027D8 }
```

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

```
.background{ background-color:#7027D8 }
```

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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