

Converting Colors

Hex(7122D8)

Have a look what the booklet for
Hex(7122D8) contains.

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Color

Hex(7122D8)

Conversions

Conversions Part 1

Format	Color
Hex	7122D8
RGB	113, 34, 216
RGB Percent	44%, 13%, 85%
CMY	0.5569, 0.8667, 0.1529
CMYK	0.48, 0.84, 0.00, 0.15
HSL	266°, 73%, 49%
HSV	266°, 84%, 85%
XYZ	19.7767, 9.6126, 65.7788
YIQ	78.3690, -11.3380, 73.3500

Conversions

Conversions Part 2

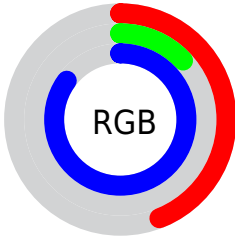
Format	Color
R_{YB}	113, 34, 216
Decimal	7414488
CIE _{Lab}	37.14, 67.24, -77.45
CIE _{LCh}	37, 102.570, 310.962
Yxy	9.6126, 0.2078, 0.1010
Android (android.graphics.Color)	4285604568 (0xFF7122D8)
YUV	78.3690, 67.8521, 30.3714
Hunter-Lab	31.0042, 59.6028, -104.0871

Details

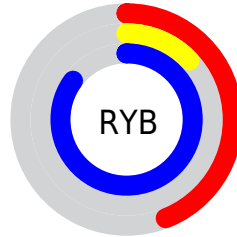
The Hex color **7122D8** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **89D822**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AE5BFF**, and **2E00A0** is the 20% darker color. If you saturate the color by 10%, you get **650CD8**, and if you desaturate by 10%, it is **7D38D8**.

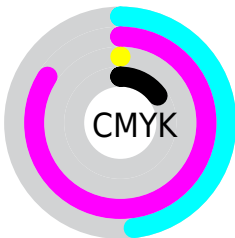
Distribution



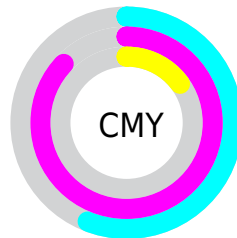
- Red (44%)
- Green (13%)
- Blue (85%)



- Red (44%)
- Yellow (13%)
- Blue (85%)



- Cyan (48%)
- Magenta (84%)
- Yellow (0%)
- Black (15%)




- Cyan (56%)
- Magenta (87%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7122D8 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 7122D8 by changing the saturation by 10% instead.

 7122D8

 7122D8

FFFFFF

 5100BC

 AE5BFF

 2E00A0

 CC77FF

 000085

 EA92FF

 00006A

 FFAEFF

 000151

 FFCBFF

 000539

 FFE8FF

 000222

 000009

 000000

 7122D8

 7122D8

 650CD8

 7D38D8

 5E00D8

 894DD8

 9663D8

 A278D8

 AE8ED8

 BAA4D8

 C7B9D8

 D3CFD8

 DFE4D8

Harmonies

Analogous

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



005CFF



7122D8



C7008F

Triad

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



7122D8



943D00



007375

Complementary

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



7122D8



89D822

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.



007119



7122D8



4F5E00

Square

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



7122D8



C60000



006C00



0075C5

Rectangle

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



7122D8



DA0059



006C00



007358

Sweetspot

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



7122D8



DBBFFF



2289D8



6A5980



000000



808080

Same Dimension

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



7122D8



6F00FF



CC22D8



65606B



4A00AB



13002B

Inverse Universe

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



D82289



FF0090



2ED822



6B6066



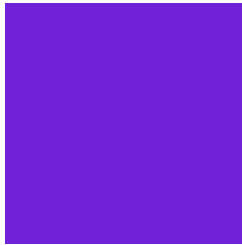
AB0061



2B0019

Previews

White Background



This preview shows how the Hex color 7122D8 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

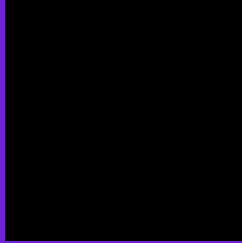
Any Text WCAG AA × Fail

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 7122D8 Background



This preview shows how black text looks on a background with the Hex color 7122D8.

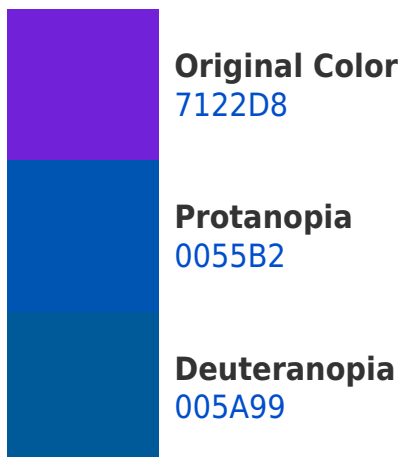



This preview shows how white text looks on a background with the Hex color 7122D8.

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
51585F

Trichromacy



Original Color

7122D8



Protanomaly

2942C0



Deuteranomaly

2946B0



Tritanomaly

5D448B

Monochromacy



Original Color

7122D8



Achromatopsia

4E4E4E



Achromatomaly

5B3E80

CSS Examples

Text

The CSS property to change the color of the text to Hex 7122D8 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 #7122D8 looks like.

```
.text, #text, p{  
    color:#7122D8  
}
```

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 #7122D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7122D8
}
```

Border

The CSS property to change the border of an element to Hex 7122D8 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
#7122D8 }
```

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

```
.border{ border-color:#7122D8 }
```

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

Here you see how a box with a 4 pixel #7122D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7122D8; -webkit-box-shadow:4px 4px  
4px 4px #7122D8; box-shadow:4px 4px 4px  
4px #7122D8 }
```

Background

The CSS property to change the background color of an element to Hex 7122D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7122D8 }
```

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

```
.background{ background-color:#7122D8 }
```

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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