

Converting Colors

Hex(722DEC)

Have a look what the booklet for
Hex(722DEC) contains.

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Color

Hex(722DEC)

Conversions

Conversions Part 1

Format	Color
Hex	722DEC
RGB	114, 45, 236
RGB Percent	45%, 18%, 93%
CMY	0.5529, 0.8235, 0.0745
CMYK	0.52, 0.81, 0.00, 0.07
HSL	262°, 83%, 55%
HSV	262°, 81%, 93%
XYZ	23.0181, 11.5103, 80.3654
YIQ	87.4050, -20.1870, 74.0290

Conversions

Conversions Part 2

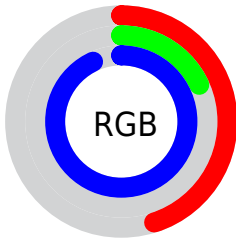
Format	Color
RYB	114, 45, 236
Decimal	7482860
CIELab	40.43, 68.44, -83.46
CIELCh	40, 107.931, 309.354
Yxy	11.5103, 0.2003, 0.1002
Android (android.graphics.Color)	4285672940 (0xFF722DEC)
YUV	87.4050, 73.2573, 23.3238
Hunter-Lab	33.9268, 61.7338, -116.6965

Details

The Hex color **722DEC** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **A7EC2D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B065FF**, and **2900B3** is the 20% darker color. If you saturate the color by 10%, you get **6315EC**, and if you desaturate by 10%, it is **8145EC**.

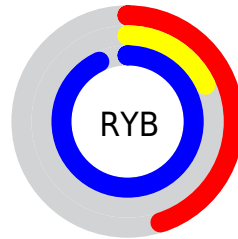
Distribution



Red (45%)

Green (18%)

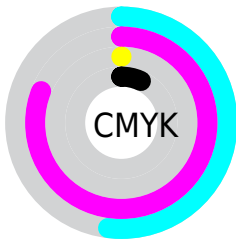
Blue (93%)



Red (45%)

Yellow (18%)

Blue (93%)

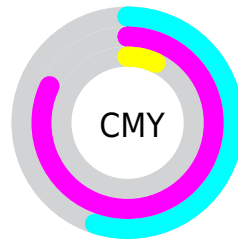


Cyan (52%)

Magenta (81%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (82%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Hex color 722DEC 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 722DEC by changing the saturation by 10% instead.

 722DEC

 722DEC

FFFFFF

 5107CF

 B065FF

 2900B3

 CF80FF

 000097

 EE9BFF

 00007C

 FFB8FF

 000062

 FFD4FF

 000949

 FFF1FF

 000431

 00011C

 000000

 722DEC

 722DEC

 6315EC

 8145EC

 5500EC

 905CEC

 9F74EC

 AE8BEC

 BDA3EC

 CCB BEC

 DCD2EC

 EBEAEC

 FAF FEC

Harmonies

Analogous

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



0066FF



722DEC



D400A0

Triad

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



722DEC



A44000



007D7A

Complementary

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



722DEC



A7EC2D

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.



007A15



722DEC



5C6500

Square

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



722DEC



D70000



007500



007FD0

Rectangle

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



722DEC



EA0066



007500



007C5B

Sweetspot

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



722DEC



D8C2FF



2DA9EC



685B80



000000



808080

Same Dimension

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



722DEC



6108FF



CF2DEC



6E6A75



4100B5



130036

Inverse Universe

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



EC2DA7



FF08A6



4AEC2D



756A71



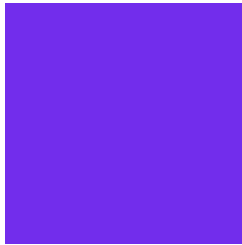
B50074



360022

Previews

White Background



This preview shows how the Hex color 722DEC 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

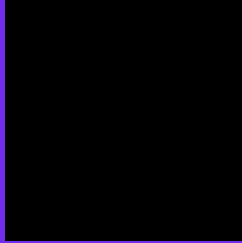
Any Text WCAG AA × Fail

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 722DEC Background



This preview shows how black text looks on a background with the Hex color 722DEC.

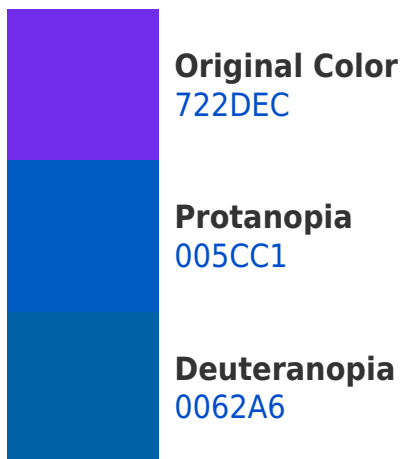



This preview shows how white text looks on a background with the Hex color 722DEC.

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](#).

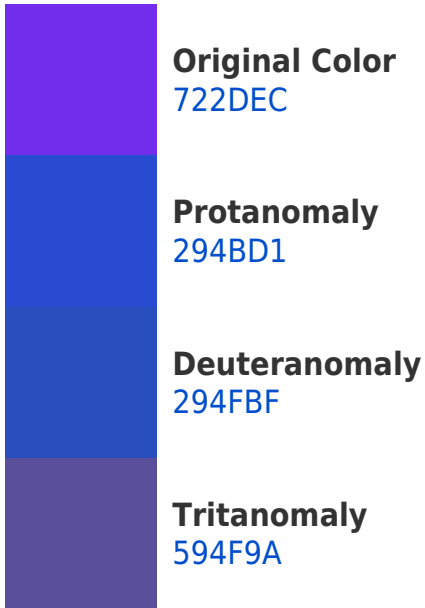
Dichromacy





Tritanopia
4B636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 722DEC 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 #722DEC looks like.

```
.text, #text, p{  
    color:#722DEC  
}
```

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 #722DEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #722DEC  
}
```

Border

The CSS property to change the border of an element to Hex 722DEC 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  
#722DEC }
```

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

```
.border{ border-color:#722DEC }
```

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

Here you see how a box with a 4 pixel #722DEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #722DEC; -webkit-box-shadow:4px 4px  
4px 4px #722DEC; box-shadow:4px 4px 4px  
4px #722DEC }
```

Background

The CSS property to change the background color of an element to Hex 722DEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#722DEC }
```

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

```
.background{ background-color:#722DEC }
```

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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