

Converting Colors

Hex(7629DA)

Have a look what the booklet for
Hex(7629DA) contains.

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Color

Hex(7629DA)

Conversions

Conversions Part 1

Format	Color
Hex	7629DA
RGB	118, 41, 218
RGB Percent	46%, 16%, 85%
CMY	0.5373, 0.8392, 0.1451
CMYK	0.46, 0.81, 0.00, 0.15
HSL	266°, 71%, 51%
HSV	266°, 81%, 85%
XYZ	20.9190, 10.4994, 67.2537
YIQ	84.2010, -10.9250, 71.3710

Conversions

Conversions Part 2

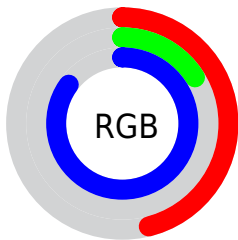
Format	Color
R_{YB}	118, 41, 218
Decimal	7743962
CIE _{Lab}	38.72, 66.00, -75.97
CIE _{LCh}	39, 100.640, 310.982
Yxy	10.4994, 0.2120, 0.1064
Android (android.graphics.Color)	4285934042 (0xFF7629DA)
YUV	84.2010, 65.9629, 29.6417
Hunter-Lab	32.4028, 58.5338, -100.3777

Details

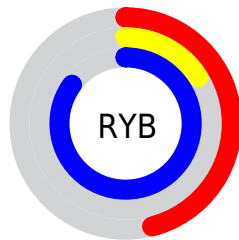
The Hex color **7629DA** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **8DDA29**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B261FF**, and **3500A2** is the 20% darker color. If you saturate the color by 10%, you get **6A13DA**, and if you desaturate by 10%, it is **823FDA**.

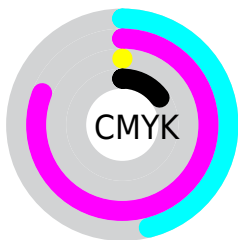
Distribution



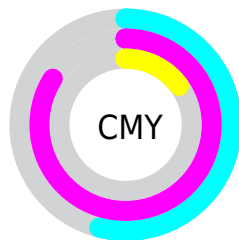
- Red (46%)
- Green (16%)
- Blue (85%)



- Red (46%)
- Yellow (16%)
- Blue (85%)



- Cyan (46%)
- Magenta (81%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (84%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7629DA 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 7629DA by changing the saturation by 10% instead.

 7629DA

 7629DA

FFFFFF

 5700BD

 B261FF

 3500A2

 D07CFF

 000086

 EF98FF

 00006C

 FFB4FF

 000053

 FFD0FF

 00063B

 FFEDFF

 000224

 00000C

 000000

 7629DA

 7629DA

 6A13DA

 823FDA

 5F00DA

 8F55DA

 9B6ADA

 A780DA

 B496DA

 C0ACDA

 CCC2DA

 D9D7DA

 E5EDDA

Harmonies

Analogous

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



005FFF



7629DA



CA0093

Triad

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



7629DA



994200



007879

Complementary

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



7629DA



8DDA29

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.



00751E



7629DA



546200

Square

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



7629DA



C90000



007000



0079C7

Rectangle

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



7629DA



DD005D



007000



00775C

Sweetspot

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



7629DA



DCC2FF



298DDA



6B5B80



000000



808080

Same Dimension

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



7629DA



7308FF



CE29DA



67636E



4B00AD



14002E

Inverse Universe

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



DA298D



FF0893



35DA29



6E6369



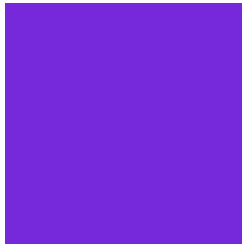
AD0062



2E001A

Previews

White Background



This preview shows how the Hex color 7629DA 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

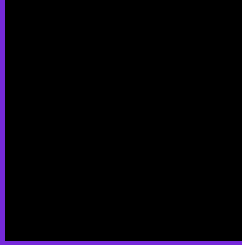
Any Text WCAG AA × Fail

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 7629DA Background



This preview shows how black text looks on a background with the Hex color 7629DA.

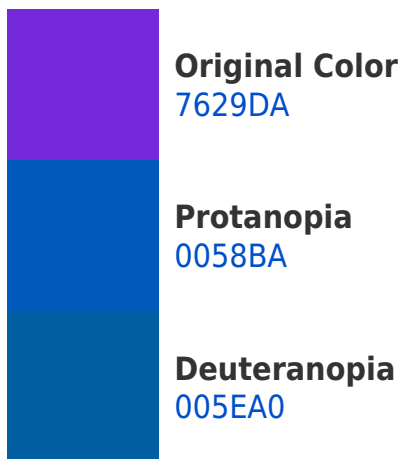


This preview shows how white text looks on a background with the Hex color 7629DA.

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
585B63

Trichromacy



Original Color

7629DA



Protanomaly

2B47C6



Deuteranomaly

2B4BB5



Tritanomaly

63498E

Monochromacy



Original Color

7629DA



Achromatopsia

545454



Achromatomaly

604485

CSS Examples

Text

The CSS property to change the color of the text to Hex 7629DA 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 #7629DA looks like.

```
.text, #text, p{  
    color:#7629DA  
}
```

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 #7629DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7629DA
}
```

Border

The CSS property to change the border of an element to Hex 7629DA 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
#7629DA }
```

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

```
.border{ border-color:#7629DA }
```

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

Here you see how a box with a 4 pixel #7629DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7629DA; -webkit-box-shadow:4px 4px  
4px 4px #7629DA; box-shadow:4px 4px 4px  
4px #7629DA }
```

Background

The CSS property to change the background color of an element to Hex 7629DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7629DA }
```

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

```
.background{ background-color:#7629DA }
```

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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