

Converting Colors

Hex(7529AD)

Have a look what the booklet for
Hex(7529AD) contains.

Hex(7529AD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7529AD)

Conversions

Conversions Part 1

Format	Color
Hex	7529AD
RGB	117, 41, 173
RGB Percent	46%, 16%, 68%
CMY	0.5412, 0.8392, 0.3216
CMYK	0.32, 0.76, 0.00, 0.32
HSL	275°, 62%, 42%
HSV	275°, 76%, 68%
XYZ	15.6719, 8.3849, 40.3276
YIQ	78.7720, 2.9240, 57.1640

Conversions

Conversions Part 2

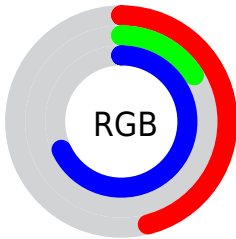
Format	Color
R_{YB}	117, 41, 173
Decimal	7678381
CIE _{Lab}	34.77, 55.33, -56.09
CIE _{LCh}	35, 78.790, 314.609
Yxy	8.3849, 0.2434, 0.1302
Android (android.graphics.Color)	4285868461 (0xFF7529AD)
YUV	78.7720, 46.4544, 33.5260
Hunter-Lab	28.9567, 45.9331, -62.3027

Details

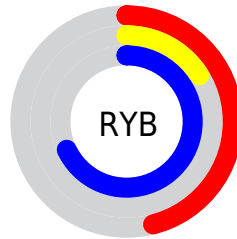
The Hex color **7529AD** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **61AD29**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AE5EE5**, and **3D0077** is the 20% darker color. If you saturate the color by 10%, you get **6E18AD**, and if you desaturate by 10%, it is **7C3AAD**.

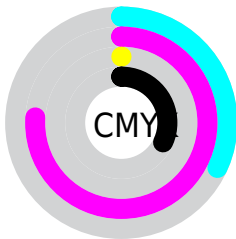
Distribution



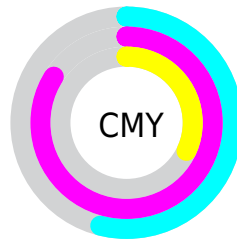
- Red (46%)
- Green (16%)
- Blue (68%)



- Red (46%)
- Yellow (16%)
- Blue (68%)



- Cyan (32%)
- Magenta (76%)
- Yellow (0%)
- Black (32%)



- Cyan (54%)
- Magenta (84%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7529AD 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 7529AD by changing the saturation by 10% instead.

 7529AD

 7529AD

FFFFFF

 590692

 AE5EE5

 3D0077

 CA79FF

 20005E

 E894FF

 000045

 FFB0FF

 00042E

 FFC0FF

 000118

 FFE9FF

 000000

 7529AD

 7529AD

 6E18AD

 7C3AAD

■ 6606AD

■ 844CAD

■ 6400AD

■ 8B5DAD

■ 926EAD

■ 9A80AD

■ A191AD

■ A8A2AD

■ B0B3AD

■ B7C5AD

Harmonies

Analogous

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



0051CF



7529AD



AD0075

Triad

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



7529AD



7F4300



006A70

Complementary

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



7529AD



61AD29

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.



00682D



7529AD



485900

Square

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



7529AD



A60E00



006300



0069AA

Rectangle

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



7529AD



B9004B



006300



00695A

Sweetspot

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



7529AD



CBADE0



2962AD



635170



F0F0F0



707070

Same Dimension

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



7529AD



8912E0



AD29A4



534E57



570096



0D0017

Inverse Universe

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



AD2961



E0126A



29AD32



574E52



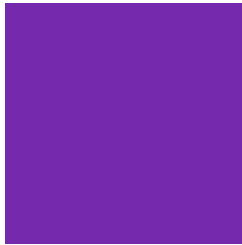
960040



17000A

Previews

White Background



This preview shows how the Hex color 7529AD looks on a white background.

Color Contrast Check

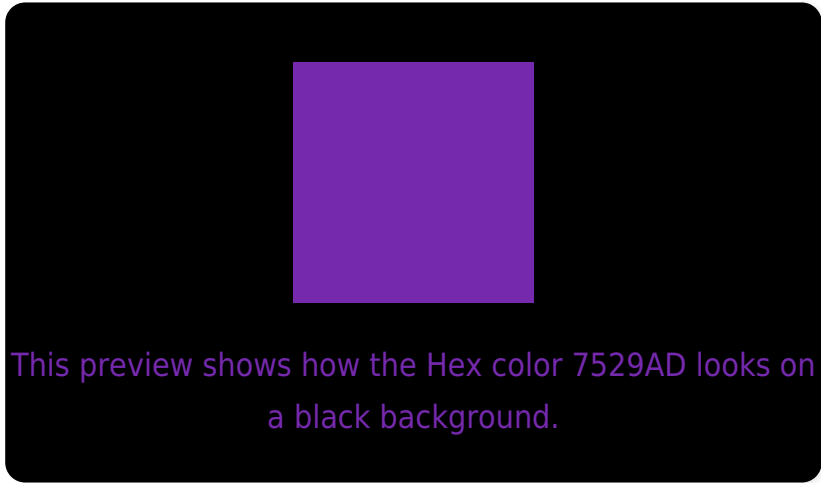
Large Text (above 18pt) WCAG AA ✓ Pass

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

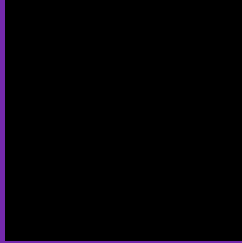
Any Text WCAG AA × Fail

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 7529AD Background



This preview shows how black text looks on a background with the Hex color 7529AD.

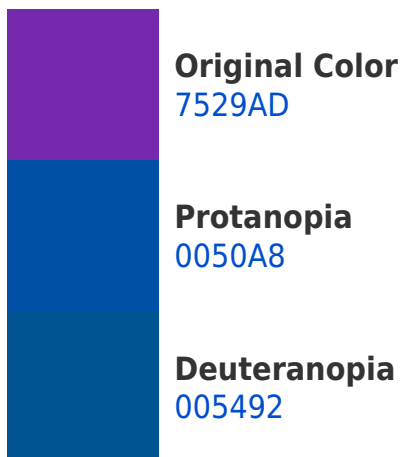


This preview shows how white text looks on a background with the Hex color 7529AD.

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
644C52

Trichromacy



Original Color
7529AD



Protanomaly
2B42AA



Deuteranomaly
2B449C



Tritanomaly
6A3F73

Monochromacy



Original Color
7529AD



Achromatopsia
4F4F4F



Achromatomaly
5D4171

CSS Examples

Text

The CSS property to change the color of the text to Hex 7529AD 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 #7529AD looks like.

```
.text, #text, p{  
    color:#7529AD  
}
```

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 #7529AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7529AD }  
}
```

Border

The CSS property to change the border of an element to Hex 7529AD 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 #7529AD }  
}
```

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

```
.border{ border-color:#7529AD }
```

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

Here you see how a box with a 4 pixel #7529AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7529AD; -webkit-box-shadow:4px 4px  
4px 4px #7529AD; box-shadow:4px 4px 4px  
4px #7529AD }
```

Background

The CSS property to change the background color of an element to Hex 7529AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7529AD }
```

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

```
.background{ background-color:#7529AD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor