

Converting Colors

Hex(791DB5)

Have a look what the booklet for
Hex(791DB5) contains.

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Color

Hex(791DB5)

Conversions

Conversions Part 1

Format	Color
Hex	791DB5
RGB	121, 29, 181
RGB Percent	47%, 11%, 71%
CMY	0.5255, 0.8863, 0.2902
CMYK	0.33, 0.84, 0.00, 0.29
HSL	276°, 72%, 41%
HSV	276°, 84%, 71%
XYZ	16.6650, 8.2799, 44.4359
YIQ	73.8360, 6.0400, 66.7760

Conversions

Conversions Part 2

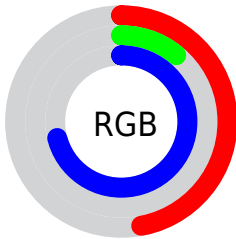
Format	Color
R_{YB}	121, 29, 181
Decimal	7937461
CIE _{Lab}	34.56, 61.92, -61.18
CIE _{LCh}	35, 87.048, 315.346
Yxy	8.2799, 0.2402, 0.1193
Android (android.graphics.Color)	4286127541 (0xFF791DB5)
YUV	73.8360, 52.8319, 41.3628
Hunter-Lab	28.7748, 53.0231, -71.4172

Details

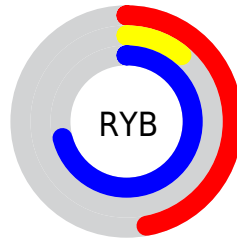
The Hex color **791DB5** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **59B51D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B257EE**, and **40007F** is the 20% darker color. If you saturate the color by 10%, you get **720BB5**, and if you desaturate by 10%, it is **802FB5**.

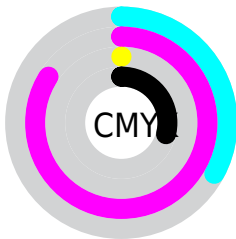
Distribution



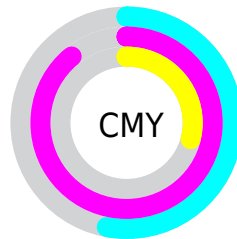
- Red (47%)
- Green (11%)
- Blue (71%)



- Red (47%)
- Yellow (11%)
- Blue (71%)



- Cyan (33%)
- Magenta (84%)
- Yellow (0%)
- Black (29%)



- Cyan (53%)
- Magenta (89%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 791DB5 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 791DB5 by changing the saturation by 10% instead.

 791DB5

 791DB5

FFFFFF

 5D009A

 B257EE

 40007F

 D072FF

 210065

 EE8EFF

 00004C

 FFA9FF

 000434

 FFC6FF

 00021E

 FFE3FF

 000000

 791DB5

 791DB5

 720BB5

 802FB5

■ 6E00B5

■ 8741B5

■ 8E53B5

■ 9665B5

■ 9D77B5

■ A48AB5

■ AB9CB5

■ B2AEB5

■ B9C0B5

Harmonies

Analogous

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



0050DB



791DB5



B50076

Triad

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



791DB5



7F4100



006A75

Complementary

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



791DB5



59B51D

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.



00682B



791DB5



425900

Square

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



791DB5



AB0000



006400



006BB5

Rectangle

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



791DB5



C10049



006400



006A5D

Sweetspot

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



791DB5



D3B0EB



1D5AB5



675275



F5F5F5



757575

Same Dimension

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



791DB5



8E00EB



B51DA6



565059



5D0099



0F001A

Inverse Universe

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



B51D59



EB005D



1DB52C



595054



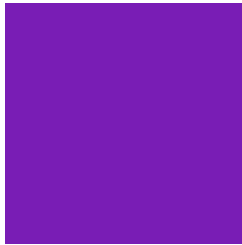
99003C



1A000A

Previews

White Background



This preview shows how the Hex color 791DB5 looks on a white background.

Color Contrast Check

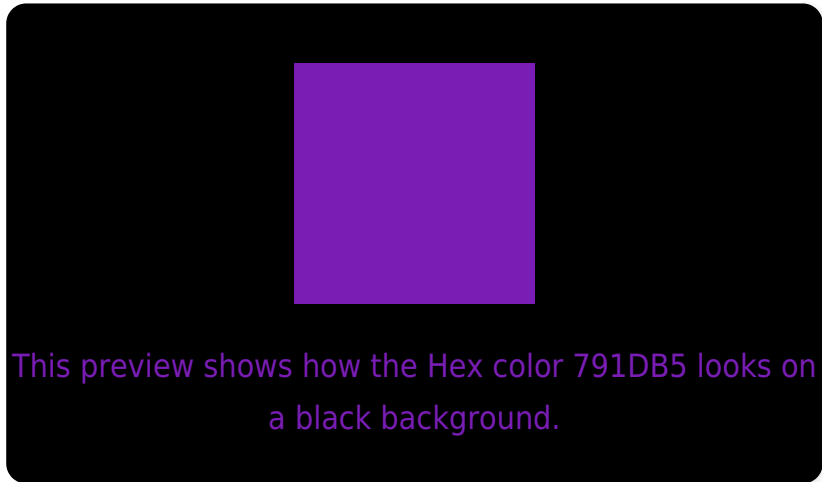
Large Text (above 18pt) WCAG AA ✓ Pass

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

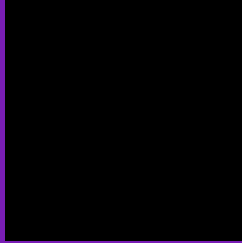
Any Text WCAG AA × Fail

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 791DB5 Background



This preview shows how black text looks on a background with the Hex color 791DB5.



This preview shows how white text looks on a background with the Hex color 791DB5.

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



Original Color
791DB5

Protanopia
004FA7

Deuteranopia
005491



Tritanopia
664A50

Trichromacy



Original Color
791DB5



Protanomaly
2C3DAC



Deuteranomaly
2C409E



Tritanomaly
6D3A75

Monochromacy



Original Color
791DB5



Achromatopsia
4A4A4A



Achromatomaly
5B3A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 791DB5 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 #791DB5 looks like.

```
.text, #text, p{  
    color:#791DB5  
}
```

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 #791DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #791DB5
}
```

Border

The CSS property to change the border of an element to Hex 791DB5 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
#791DB5 }
```

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

```
.border{ border-color:#791DB5 }
```

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

Here you see how a box with a 4 pixel #791DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #791DB5; -webkit-box-shadow:4px 4px  
4px 4px #791DB5; box-shadow:4px 4px 4px  
4px #791DB5 }
```

Background

The CSS property to change the background color of an element to Hex 791DB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#791DB5 }
```

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

```
.background{ background-color:#791DB5 }
```

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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