

Converting Colors

Hex(7D3DB5)

Have a look what the booklet for
Hex(7D3DB5) contains.

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Color

Hex(7D3DB5)

Conversions

Conversions Part 1

Format	Color
Hex	7D3DB5
RGB	125, 61, 181
RGB Percent	49%, 24%, 71%
CMY	0.5098, 0.7608, 0.2902
CMYK	0.31, 0.66, 0.00, 0.29
HSL	272°, 50%, 47%
HSV	272°, 66%, 71%
XYZ	18.4667, 11.0337, 44.8725
YIQ	93.8160, -0.3760, 50.8880

Conversions

Conversions Part 2

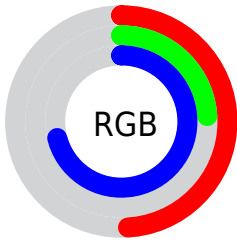
Format	Color
R_{YB}	125, 61, 181
Decimal	8207797
CIE _{Lab}	39.64, 49.78, -52.91
CIE _{LCh}	40, 72.643, 313.253
Yxy	11.0337, 0.2483, 0.1484
Android (android.graphics.Color)	4286397877 (0xFF7D3DB5)
YUV	93.8160, 42.9817, 27.3484
Hunter-Lab	33.2169, 41.1059, -56.8424

Details

The Hex color **7D3DB5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **75B53D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B571EE**, and **46037F** is the 20% darker color. If you saturate the color by 10%, you get **752BB5**, and if you desaturate by 10%, it is **854FB5**.

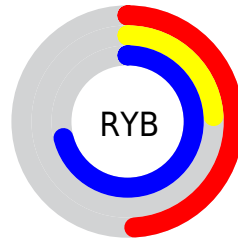
Distribution



Red (49%)

Green (24%)

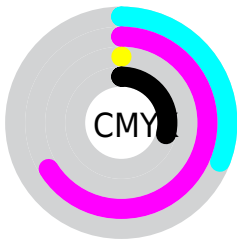
Blue (71%)



Red (49%)

Yellow (24%)

Blue (71%)

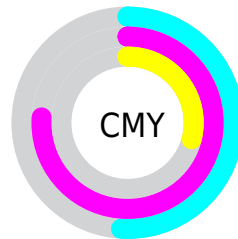


Cyan (31%)

Magenta (66%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (76%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7D3DB5 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 7D3DB5 by changing the saturation by 10% instead.

 7D3DB5

 7D3DB5

FFFFFF

 61239A

 B571EE

 46037F

 D28BFF

 2A0065

 F0A6FF

 10004D

 FFC2FF

 000135

 FFDFFF

 00021F

 FFFCFF

 000001

 000000

 7D3DB5

 7D3DB5

 752BB5

 854FB5

 6C19B5

 8E61B5

 6407B5

 9673B5

 6100B5

 9F85B5

 A798B5

 B0AAB5

 B8BCB5

 C1CEB5

 C9E0B5

Harmonies

Analogous

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



005DD3



7D3DB5



B30081

Triad

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



7D3DB5



8D4E00



007577

Complementary

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



7D3DB5



75B53D

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.



007339



7D3DB5



5B6300

Square

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



7D3DB5



B12A07



006E00



0075AE

Rectangle

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



7D3DB5



C0005A



006E00



007563

Sweetspot

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



7D3DB5



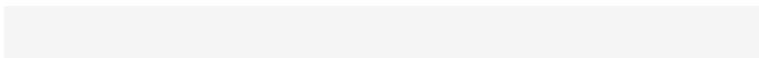
D5BCEB



3D75B5



685975



F5F5F5



757575

Same Dimension

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



7D3DB5



932FEB



B53DB1



555059



520099



0E001A

Inverse Universe

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



B53D75



EB2F87



3DB541



595054



990047



1A000C

Previews

White Background



This preview shows how the Hex color 7D3DB5 looks on a white background.

Color Contrast Check

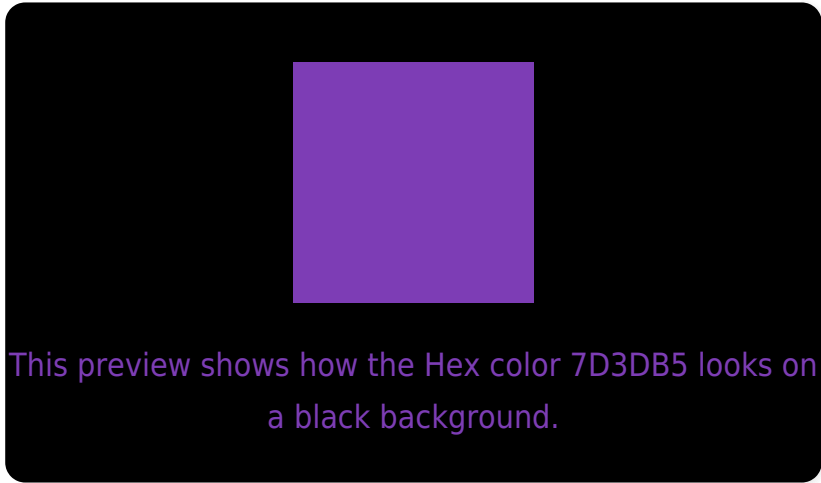
Large Text (above 18pt) WCAG AA ✓ Pass

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

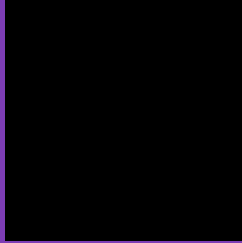
Any Text WCAG AA × Fail

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 7D3DB5 Background



This preview shows how black text looks on a background with the Hex color 7D3DB5.

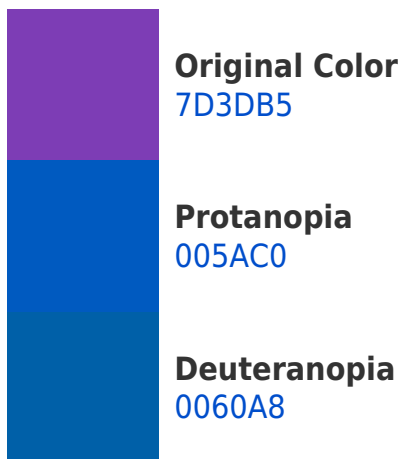



This preview shows how white text looks on a background with the Hex color 7D3DB5.

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](#).

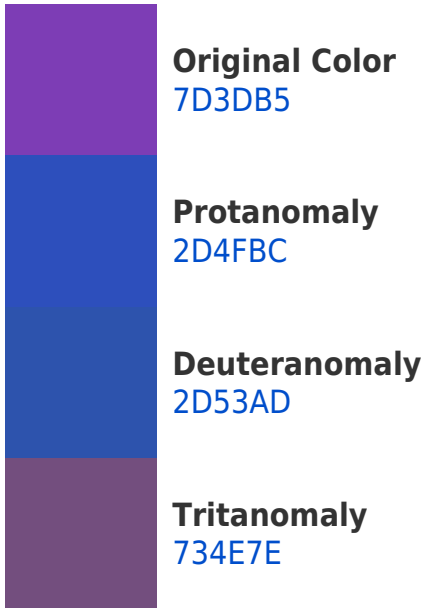
Dichromacy



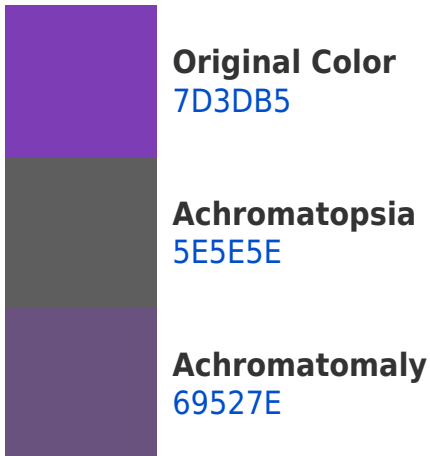


Tritanopia
6D585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D3DB5 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 #7D3DB5 looks like.

```
.text, #text, p{  
    color:#7D3DB5  
}
```

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 #7D3DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3DB5
}
```

Border

The CSS property to change the border of an element to Hex 7D3DB5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

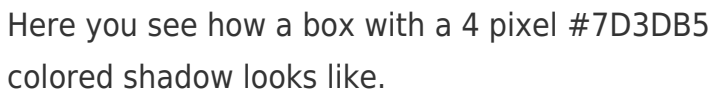
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D3DB5 }
```

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

```
.border{ border-color:#7D3DB5 }
```

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



Here you see how a box with a 4 pixel #7D3DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3DB5; -webkit-box-shadow:4px 4px  
4px 4px #7D3DB5; box-shadow:4px 4px 4px  
4px #7D3DB5 }
```

Background

The CSS property to change the background color of an element to Hex 7D3DB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3DB5 }
```

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

```
.background{ background-color:#7D3DB5 }
```

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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