

Converting Colors

Hex(623DDE)

Have a look what the booklet for
Hex(623DDE) contains.

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Color

Hex(623DDE)

Conversions

Conversions Part 1

Format	Color
Hex	623DDE
RGB	98, 61, 222
RGB Percent	38%, 24%, 87%
CMY	0.6157, 0.7608, 0.1294
CMYK	0.56, 0.73, 0.00, 0.13
HSL	254°, 71%, 55%
HSV	254°, 73%, 87%
XYZ	19.8906, 11.2081, 70.2223
YIQ	90.4170, -29.6290, 57.9150

Conversions

Conversions Part 2

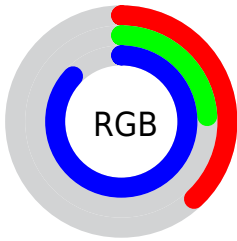
Format	Color
R_{YB}	98, 61, 222
Decimal	6438366
CIE Lab	39.93, 55.78, -76.37
CIE LCh	40, 94.569, 306.145
Yxy	11.2081, 0.1963, 0.1106
Android (android.graphics.Color)	4284628446 (0xFF623DDE)
YUV	90.4170, 64.8704, 6.6503
Hunter-Lab	33.4785, 47.4648, -100.9279

Details

The Hex color **623DDE** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **B9DE3D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A070FF**, and **1006A5** is the 20% darker color. If you saturate the color by 10%, you get **5127DE**, and if you desaturate by 10%, it is **7353DE**.

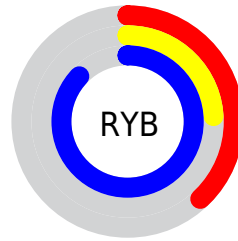
Distribution



Red (38%)

Green (24%)

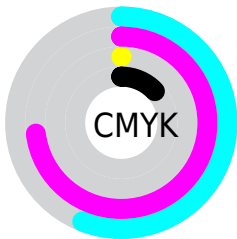
Blue (87%)



Red (38%)

Yellow (24%)

Blue (87%)

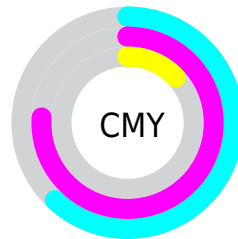


Cyan (56%)

Magenta (73%)

Yellow (0%)

Black (13%)



Cyan (62%)

Magenta (76%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 623DDE 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 623DDE by changing the saturation by 10% instead.

 623DDE

 623DDE

FFFFFF

 4024C1

 A070FF

 1006A5

 BE8BFF

 00008A

 DCA6FF

 000070

 FBC1FF

 000256

 FFDEFF

 00063E

 FFFBFF

 000327

 000110

 000000

■ 623DDE

■ 623DDE

■ 5127DE

■ 7353DE

■ 4011DE

■ 8469DE

■ 3300DE

■ 9580DE

■ A696DE

■ B7ACDE

■ C9C2DE

■ DAD8DE

■ EBEFDE

■ FCFFDE

Harmonies

Analogous

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



0066FC



623DDE



C0009E

Triad

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



623DDE



A33F00



007A6D

Complementary

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



623DDE



B9DE3D

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.



007714



623DDE



656100

Square

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



623DDE



CD0001



007000



007BB9

Rectangle

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



623DDE



D8006C



007000



007952

Sweetspot

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



623DDE



D4C7FF



3DBBDE



665E80



000000



808080

Same Dimension

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



623DDE



5421FF



B03DDE



686570



2800B0



0B0030

Inverse Universe

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



DE3DB9



FF21CC



6BDE3D



70656E



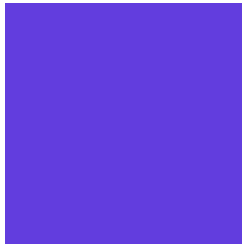
B00088



300025

Previews

White Background



This preview shows how the Hex color 623DDE 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

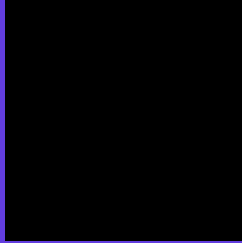
Any Text WCAG AA × Fail

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 623DDE Background



This preview shows how black text looks on a background with the Hex color 623DDE.

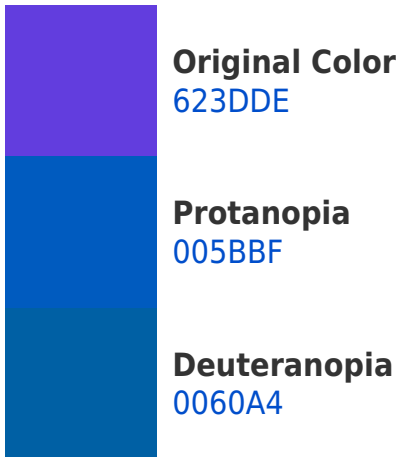



This preview shows how white text looks on a background with the Hex color 623DDE.

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](#).

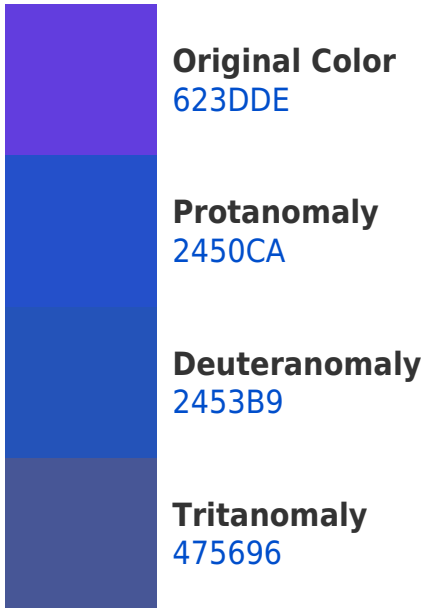
Dichromacy



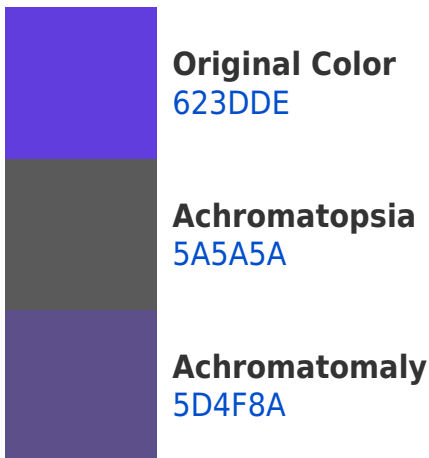


Tritanopia
38646D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 623DDE 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 #623DDE looks like.

```
.text, #text, p{  
    color:#623DDE  
}
```

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 #623DDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623DDE
}
```

Border

The CSS property to change the border of an element to Hex 623DDE is called "border". The border property can be set on classes, ids or directly on the HTML element.

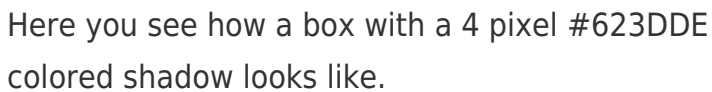
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#623DDE }
```

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

```
.border{ border-color:#623DDE }
```

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



Here you see how a box with a 4 pixel #623DDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623DDE; -webkit-box-shadow:4px 4px  
4px 4px #623DDE; box-shadow:4px 4px 4px  
4px #623DDE }
```

Background

The CSS property to change the background color of an element to Hex 623DDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623DDE }
```

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

```
.background{ background-color:#623DDE }
```

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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