

Converting Colors

Hex(6623ED)

Have a look what the booklet for
Hex(6623ED) contains.

Hex(6623ED)	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(6623ED)

Conversions

Conversions Part 1

Format	Color
Hex	6623ED
RGB	102, 35, 237
RGB Percent	40%, 14%, 93%
CMY	0.6000, 0.8627, 0.0706
CMYK	0.57, 0.85, 0.00, 0.07
HSL	260°, 85%, 53%
HSV	260°, 85%, 93%
XYZ	21.3666, 10.1413, 80.9521
YIQ	78.0610, -24.9100, 77.0260

Conversions

Conversions Part 2

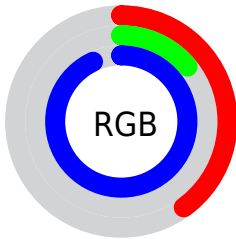
Format	Color
R _Y B	102, 35, 237
Decimal	6693869
CIE Lab	38.09, 70.85, -87.92
CIE LCh	38, 112.914, 308.866
Yxy	10.1413, 0.1900, 0.0902
Android (android.graphics.Color)	4284883949 (0xFF6623ED)
YUV	78.0610, 78.3569, 20.9945
Hunter-Lab	31.8454, 64.0349, -128.4256

Details

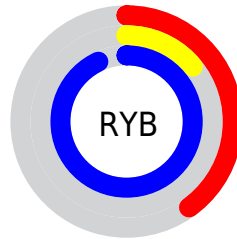
The Hex color **6623ED** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **AAED23**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A65CFF**, and **0400B3** is the 20% darker color. If you saturate the color by 10%, you get **560BED**, and if you desaturate by 10%, it is **763BED**.

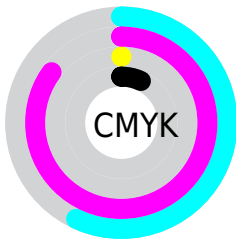
Distribution



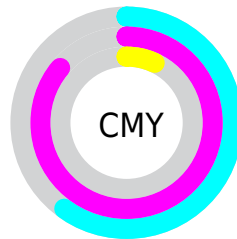
- Red (40%)
- Green (14%)
- Blue (93%)



- Red (40%)
- Yellow (14%)
- Blue (93%)



- Cyan (57%)
- Magenta (85%)
- Yellow (0%)
- Black (7%)



- Cyan (60%)
- Magenta (86%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6623ED 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 6623ED by changing the saturation by 10% instead.

 6623ED

 6623ED

FFFFFF

 4200D0

 A65CFF

 0400B3

 C678FF

 000098

 E593FF

 00007D

 FFAFFF

 000163

 FFC0FF

 00094A

 FFE9FF

 000432

 00021C

 000000

■ 6623ED

■ 6623ED

■ 560BED

■ 763BED

■ 4F00ED

■ 8652ED

■ 966AED

■ A582ED

■ B59AED

■ C5B1ED

■ D5C9ED

■ E5E1ED

■ F5F8ED

Harmonies

Analogous

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



0062FF



6623ED



D1009E

Triad

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



6623ED



A03800



007774

Complementary

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



6623ED



AAED23

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.



007404



6623ED



556000

Square

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



6623ED



D40000



006F00



0079CE

Rectangle

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



6623ED



E80062



006F00



007654

Sweetspot

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



6623ED



D3BDFF



23ADED



655880



000000



808080

Same Dimension

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



6623ED



5500FF



C823ED



6D6A75



3C00B5



120036

Inverse Universe

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



ED23AA



FF00AA



48ED23



756A71



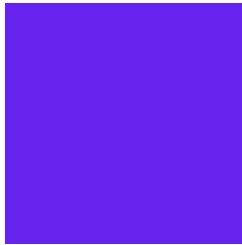
B50079



360024

Previews

White Background



This preview shows how the Hex color 6623ED looks on a white background.

Color Contrast Check

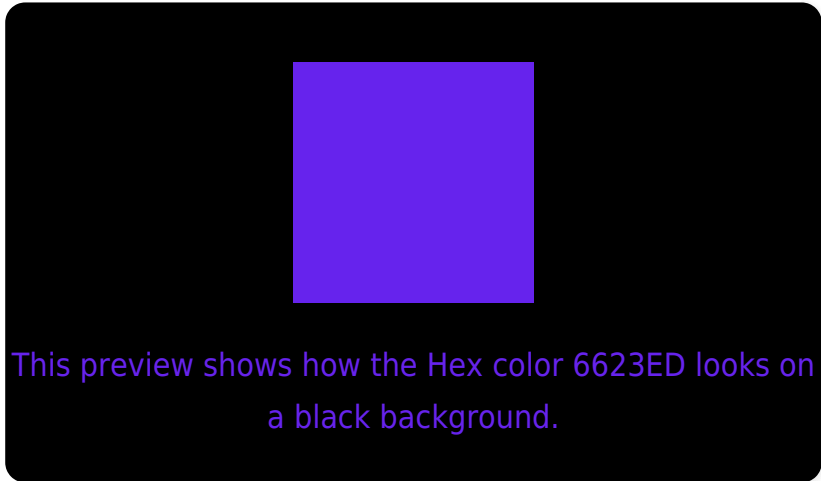
Large Text (above 18pt) WCAG AA ✓ Pass

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

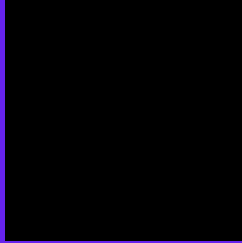
Any Text WCAG AA × Fail

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 6623ED Background



This preview shows how black text looks on a background with the Hex color 6623ED.

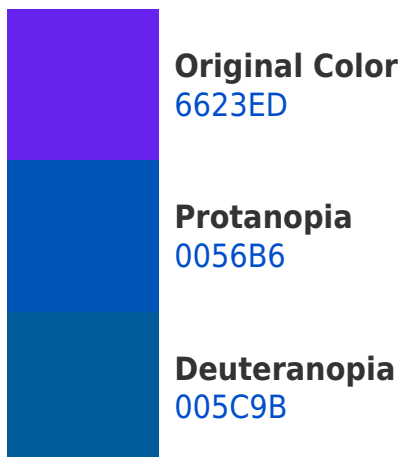



This preview shows how white text looks on a background with the Hex color 6623ED.

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](#).

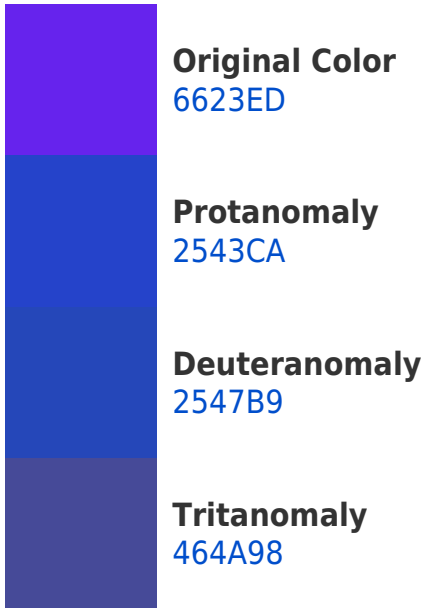
Dichromacy



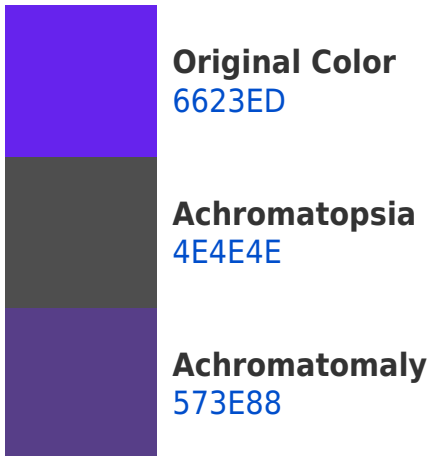


Tritanopia
336068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6623ED 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 #6623ED looks like.

```
.text, #text, p{  
    color:#6623ED  
}
```

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 #6623ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6623ED
}
```

Border

The CSS property to change the border of an element to Hex 6623ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

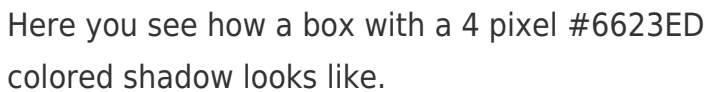
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6623ED }
```

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

```
.border{ border-color:#6623ED }
```

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



Here you see how a box with a 4 pixel #6623ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6623ED; -webkit-box-shadow:4px 4px  
4px 4px #6623ED; box-shadow:4px 4px 4px  
4px #6623ED }
```

Background

The CSS property to change the background color of an element to Hex 6623ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6623ED }
```

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

```
.background{ background-color:#6623ED }
```

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