

Converting Colors

Hex(6212ED)

Have a look what the booklet for
Hex(6212ED) contains.

Hex(6212ED)	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(6212ED)

Conversions

Conversions Part 1

Format	Color
Hex	6212ED
RGB	98, 18, 237
RGB Percent	38%, 7%, 93%
CMY	0.6157, 0.9294, 0.0706
CMYK	0.59, 0.92, 0.00, 0.07
HSL	262°, 86%, 50%
HSV	262°, 92%, 93%
XYZ	20.5394, 9.1437, 80.8031
YIQ	66.8860, -22.6190, 85.0690

Conversions

Conversions Part 2

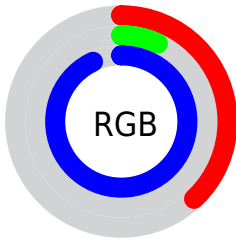
Format	Color
RYB	98, 18, 237
Decimal	6427373
CIELab	36.26, 74.79, -90.97
CIELCh	36, 117.766, 309.424
Yxy	9.1437, 0.1859, 0.0828
Android (android.graphics.Color)	4284617453 (0xFF6212ED)
YUV	66.8860, 83.8662, 27.2870
Hunter-Lab	30.2386, 68.3276, -137.2670

Details

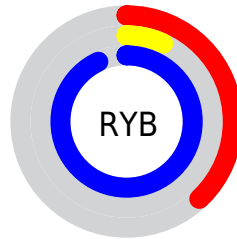
The Hex color **6212ED** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **9DED12**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A353FF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **5700ED**, and if you desaturate by 10%, it is **712AED**.

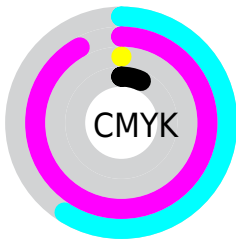
Distribution



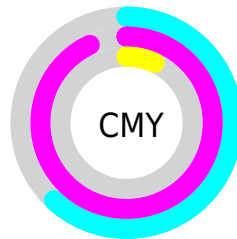
- Red (38%)
- Green (7%)
- Blue (93%)



- Red (38%)
- Yellow (7%)
- Blue (93%)



- Cyan (59%)
- Magenta (92%)
- Yellow (0%)
- Black (7%)



- Cyan (62%)
- Magenta (93%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6212ED 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 6212ED by changing the saturation by 10% instead.

6212ED

6212ED

FFFFFF

3C00D0

A353FF

0000B3

C36EFF

000098

E38AFF

00007D

FFA6FF

000462

FFC3FF

000949

FFE0FF

000432

FFFEFF

00011C

000000

■ 6212ED

■ 6212ED

■ 5700ED

■ 712AED

■ 8041ED

■ 8F59ED

■ 9E71ED

■ AD88ED

■ BCA0ED

■ CBB8ED

■ DAD0ED

■ E9E7ED

Harmonies

Analogous

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



005FFF



6212ED



D1009A

Triad

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



6212ED



9B3200



007273

Complementary

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



6212ED



9DED12

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.



007000



6212ED



4D5C00

Square

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



6212ED



D10000



006B00



0075CF

Rectangle

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



6212ED



E7005C



006B00



007151

Sweetspot

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



6212ED



D2B8FF



12A0ED



645480



000000



808080

Same Dimension

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



6212ED



5D00FF



CC12ED



6E6A75



4200B5



140036

Inverse Universe

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



ED129D



FF00A2



33ED12



756A71



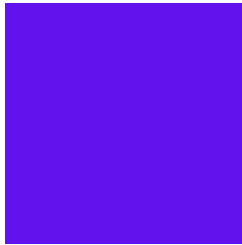
B50073



360022

Previews

White Background



This preview shows how the Hex color 6212ED looks on a white background.

Color Contrast Check

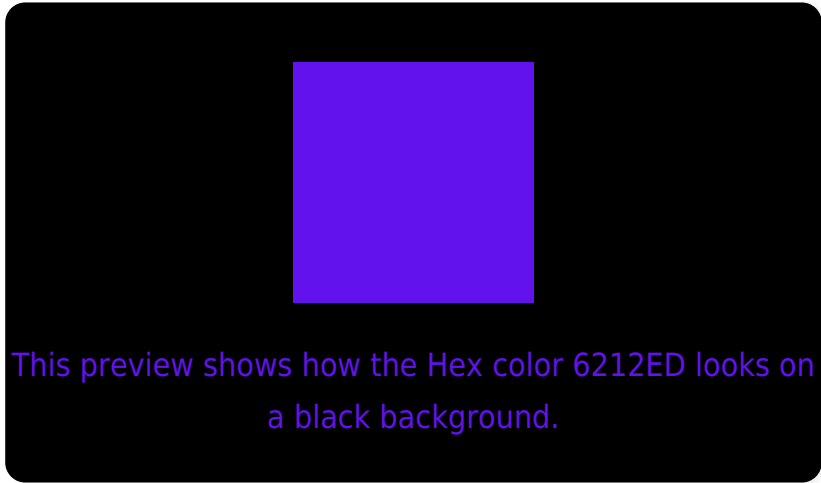
Large Text (above 18pt) WCAG AA ✓ Pass

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

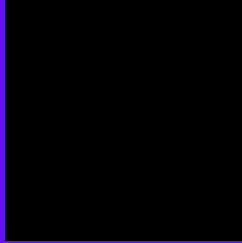
Any Text WCAG AA × Fail

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 6212ED Background



This preview shows how black text looks on a background with the Hex color 6212ED.



This preview shows how white text looks on a background with the Hex color 6212ED.

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
6212ED

Protanopia
0053AE

Deuteranopia
005894



Tritanopia
275D65

Trichromacy



Original Color
6212ED



Protanomaly
243BC5



Deuteranomaly
243FB4



Tritanomaly
3C4296

Monochromacy



Original Color
6212ED



Achromatopsia
434343



Achromatomaly
4E3181

CSS Examples

Text

The CSS property to change the color of the text to Hex 6212ED 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 #6212ED looks like.

```
.text, #text, p{  
    color:#6212ED  
}
```

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 #6212ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6212ED
}
```

Border

The CSS property to change the border of an element to Hex 6212ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

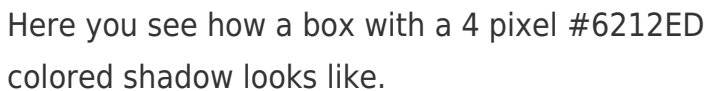
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6212ED }
```

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

```
.border{ border-color:#6212ED }
```

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



Here you see how a box with a 4 pixel #6212ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6212ED; -webkit-box-shadow:4px 4px  
4px 4px #6212ED; box-shadow:4px 4px 4px  
4px #6212ED }
```

Background

The CSS property to change the background color of an element to Hex 6212ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6212ED }
```

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

```
.background{ background-color:#6212ED }
```

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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