

Converting Colors

Hex(4812E6)

Have a look what the booklet for
Hex(4812E6) contains.

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Color

Hex(4812E6)

Conversions

Conversions Part 1

Format	Color
Hex	4812E6
RGB	72, 18, 230
RGB Percent	28%, 7%, 90%
CMY	0.7176, 0.9294, 0.0980
CMYK	0.69, 0.92, 0.00, 0.10
HSL	255°, 85%, 49%
HSV	255°, 92%, 90%
XYZ	17.1717, 7.5235, 75.4100
YIQ	58.3140, -35.8680, 77.3800

Conversions

Conversions Part 2

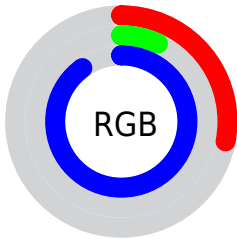
Format	Color
R _Y B	72, 18, 230
Decimal	4723430
CIE Lab	32.97, 71.58, -92.52
CIE LCh	33, 116.977, 307.728
Yxy	7.5235, 0.1715, 0.0752
Android (android.graphics.Color)	4282913510 (0xFF4812E6)
YUV	58.3140, 84.6412, 12.0026
Hunter-Lab	27.4290, 63.7478, -143.8046

Details

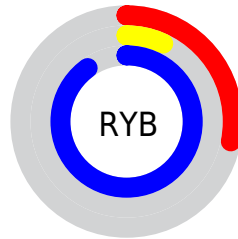
The Hex color **4812E6** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B0E612**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8E4FFF**, and **0000AD** is the 20% darker color. If you saturate the color by 10%, you get **3B00E6**, and if you desaturate by 10%, it is **5929E6**.

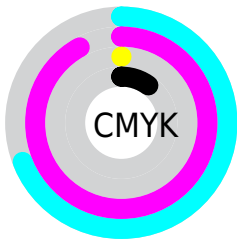
Distribution



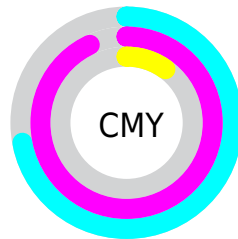
- Red (28%)
- Green (7%)
- Blue (90%)



- Red (28%)
- Yellow (7%)
- Blue (90%)



- Cyan (69%)
- Magenta (92%)
- Yellow (0%)
- Black (10%)



- Cyan (72%)
- Magenta (93%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4812E6 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 4812E6 by changing the saturation by 10% instead.

 4812E6

 4812E6

FFFFFF

 0D00C9

 8E4FFF

 0000AD

 AF6AFF

 000091

 CE85FF

 000076

 EEA1FF

 000E5C

 FFBDFE

 000744

 FFDAFF

 00032C

 FFF7FF

 000117

 000000

■ 4812E6

■ 4812E6

■ 3B00E6

■ 5929E6

■ 6A40E6

■ 7B57E6

■ 8D6EE6

■ 9E85E6

■ AF9CE6

■ C0B3E6

■ D1CAE6

■ E2E1E6

Harmonies

Analogous

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



0059FF



4812E6



C20096

Triad

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



4812E6



942500



006965

Complementary

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



4812E6



B0E612

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.



006600



4812E6



4A5300

Square

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



4812E6



C70000



006200



006CC1

Rectangle

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



4812E6



DB005A



006200



006844

Sweetspot

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



4812E6



CAB8FF



12B1E6



5F5480



000000



808080

Same Dimension

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



4812E6



4100FF



B112E6



6A6773



2D00B3



0D0033

Inverse Universe

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



E612B0



FF00BE



47E612



736770



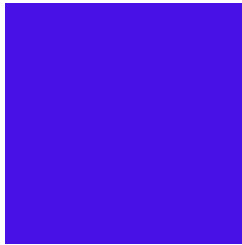
B30085



330026

Previews

White Background



This preview shows how the Hex color 4812E6 looks on a white background.

Color Contrast Check

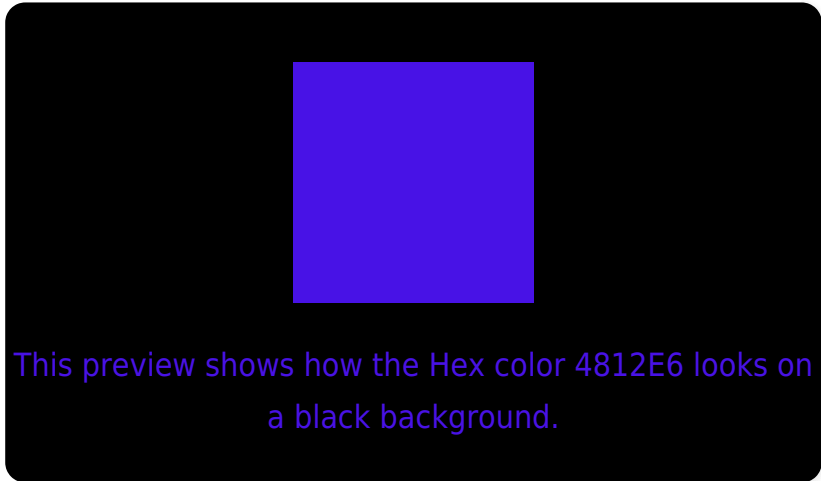
Large Text (above 18pt) WCAG AA ✓ Pass

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

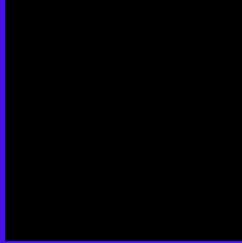
Any Text WCAG AA × Fail

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 4812E6 Background



This preview shows how black text looks on a background with the Hex color 4812E6.



This preview shows how white text looks on a background with the Hex color 4812E6.

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
4812E6

Protanopia
004B9D

Deuteranopia
005086



Tritanopia
00565C

Trichromacy



Original Color
4812E6

Protanomaly
1A36B8

Deuteranomaly
1A39A9

Tritanomaly
1A3D8E

Monochromacy



Original Color
4812E6

Achromatopsia
3A3A3A

Achromatomaly
3F2B79

CSS Examples

Text

The CSS property to change the color of the text to Hex 4812E6 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 #4812E6 looks like.

```
.text, #text, p{  
    color:#4812E6  
}
```

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 #4812E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4812E6
}
```

Border

The CSS property to change the border of an element to Hex 4812E6 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
#4812E6 }
```

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

```
.border{ border-color:#4812E6 }
```

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

Here you see how a box with a 4 pixel #4812E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4812E6; -webkit-box-shadow:4px 4px  
4px 4px #4812E6; box-shadow:4px 4px 4px  
4px #4812E6 }
```

Background

The CSS property to change the background color of an element to Hex 4812E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4812E6 }
```

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

```
.background{ background-color:#4812E6 }
```

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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