

Converting Colors

Hex(4106E2)

Have a look what the booklet for
Hex(4106E2) contains.

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Color

Hex(4106E2)

Conversions

Conversions Part 1

Format	Color
Hex	4106E2
RGB	65, 6, 226
RGB Percent	25%, 2%, 89%
CMY	0.7451, 0.9765, 0.1137
CMYK	0.71, 0.97, 0.00, 0.11
HSL	256°, 95%, 45%
HSV	256°, 97%, 89%
XYZ	15.9726, 6.7451, 72.4116
YIQ	48.7210, -35.4560, 80.9280

Conversions

Conversions Part 2

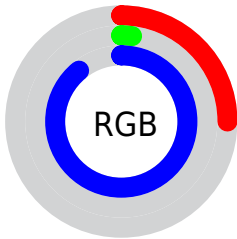
Format	Color
RYB	65, 6, 226
Decimal	4261602
CIELab	31.22, 72.39, -93.16
CIELCh	31, 117.979, 307.848
Yxy	6.7451, 0.1679, 0.0709
Android (android.graphics.Color)	4282451682 (0xFF4106E2)
YUV	48.7210, 87.3985, 14.2767
Hunter-Lab	25.9712, 64.3296, -147.1292

Details

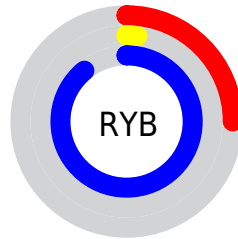
The Hex color **4106E2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A7E206**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **8949FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **3D00E2**, and if you desaturate by 10%, it is **521DE2**.

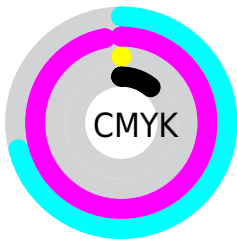
Distribution



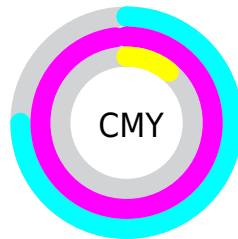
- Red (25%)
- Green (2%)
- Blue (89%)



- Red (25%)
- Yellow (2%)
- Blue (89%)



- Cyan (71%)
- Magenta (97%)
- Yellow (0%)
- Black (11%)














- Cyan (75%)
- Magenta (98%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4106E2 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 4106E2 by changing the saturation by 10% instead.

 4106E2	 4106E2
 FFFFFFFF	 0000C5
 8949FF	 0000A9
 AA64FF	 00008D
 C980FF	 000073
 E99BFF	 000D59
 FFB8FF	 000740
 FFD4FF	 000329
 FFF2FF	 000113
	 000000

■ 4106E2

■ 4106E2

■ 3D00E2

■ 521DE2

■ 6233E2

■ 734AE2

■ 8360E2

■ 9477E2

■ A48EE2

■ B5A4E2

■ C5BBE2

■ D6D1E2

Harmonies

Analogous

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



0056FF



4106E2



BE0092

Triad

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



4106E2



8E2000



006461

Complementary

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



4106E2



A7E206

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.



006100



4106E2



444F00

Square

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



4106E2



C20000



005D00



0068BD

Rectangle

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



4106E2



D60055



005D00



006341

Sweetspot

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



4106E2



C9B5FF



06A7E2



5F5380



000000



808080

Same Dimension

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



4106E2



4400FF



AF06E2



686570



2F00B0



0D0030

Inverse Universe

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



E206A7



FF00BB



39E206



70656D



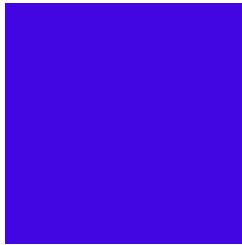
B00081



300023

Previews

White Background



This preview shows how the Hex color 4106E2 looks on a white background.

Color Contrast Check

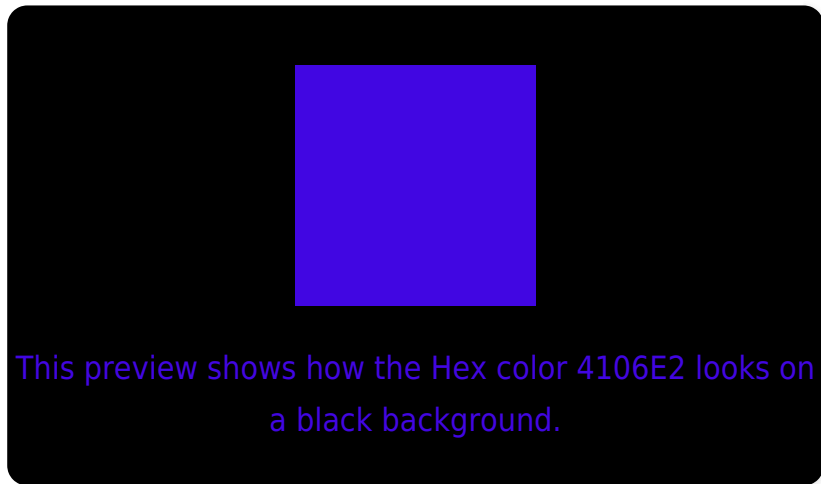
Large Text (above 18pt) WCAG AA ✓ Pass

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

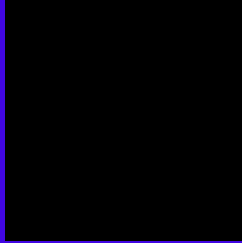
Any Text WCAG AA × Fail

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 4106E2 Background



This preview shows how black text looks on a background with the Hex color 4106E2.

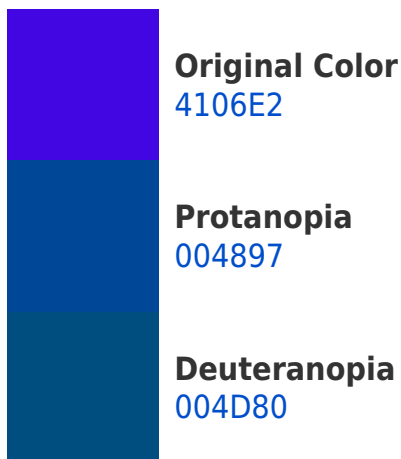


This preview shows how white text looks on a background with the Hex color 4106E2.

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



Trichromacy



Original Color
4106E2

Protanomaly
1830B2

Deuteranomaly
1833A4

Tritanomaly
18378A

Monochromacy



Original Color
4106E2

Achromatopsia
313131

Achromatomaly
372171

CSS Examples

Text

The CSS property to change the color of the text to Hex 4106E2 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 #4106E2 looks like.

```
.text, #text, p{  
    color:#4106E2  
}
```

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 #4106E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4106E2
}
```

Border

The CSS property to change the border of an element to Hex 4106E2 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".

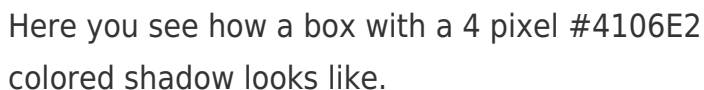
```
.border, #border, table{ border:4px solid
#4106E2 }
```

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

```
.border{ border-color:#4106E2 }
```

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

Here you see how a box with a 4 pixel #4106E2 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4106E2; -webkit-box-shadow:4px 4px  
4px 4px #4106E2; box-shadow:4px 4px 4px  
4px #4106E2 }
```

Background

The CSS property to change the background color of an element to Hex 4106E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4106E2 }
```

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

```
.background{ background-color:#4106E2 }
```

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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