

Converting Colors

Hex(2206E1)

Have a look what the booklet for
Hex(2206E1) contains.

Hex(2206E1)	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(2206E1)

Conversions

Conversions Part 1

Format	Color
Hex	2206E1
RGB	34, 6, 225
RGB Percent	13%, 2%, 88%
CMY	0.8667, 0.9765, 0.1176
CMYK	0.85, 0.97, 0.00, 0.12
HSL	248°, 95%, 45%
HSV	248°, 97%, 88%
XYZ	14.3154, 5.9066, 71.6197
YIQ	39.3380, -53.6110, 74.0450

Conversions

Conversions Part 2

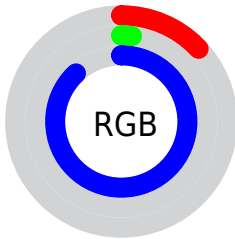
Format	Color
R_{YB}	34, 6, 225
Decimal	2229985
CIE _{Lab}	29.18, 71.30, -96.05
CIE _{LCh}	29, 119.621, 306.590
Yxy	5.9066, 0.1559, 0.0643
Android (android.graphics.Color)	4280420065 (0xFF2206E1)
YUV	39.3380, 91.5314, -4.6814
Hunter-Lab	24.3034, 62.6105, -157.7091

Details

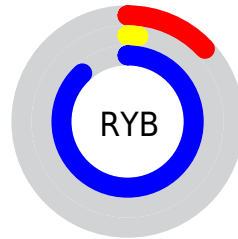
The Hex color **2206E1** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **C5E106**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7946FF**, and **0000A8** is the 20% darker color. If you saturate the color by 10%, you get **1D00E1**, and if you desaturate by 10%, it is **361DE1**.

Distribution



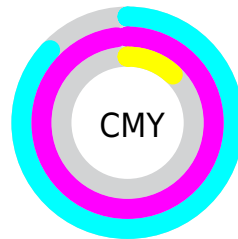
- Red (13%)
- Green (2%)
- Blue (88%)



- Red (13%)
- Yellow (2%)
- Blue (88%)



- Cyan (85%)
- Magenta (97%)
- Yellow (0%)
- Black (12%)



















- Cyan (87%)
- Magenta (98%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2206E1 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 2206E1 by changing the saturation by 10% instead.

 2206E1	 2206E1
 FFFFFFFF	 0000C4
 7946FF	 0000A8
 9A61FF	 00008C
 BB7CFF	 000272
 DB98FF	 000C58
 FBB4FF	 00073F
 FFD0FF	 000329
 FFEDFF	 000112
	 000000

■ 2206E1

■ 2206E1

■ 1D00E1

■ 361DE1

■ 4933E1

■ 5D4AE1

■ 7060E1

■ 8477E1

■ 988DE1

■ ABA4E1

■ BFBAE1

■ D3D1E1

Harmonies

Analogous

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



0053FF



2206E1



B70091

Triad

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



2206E1



8B1200



005F58

Complementary

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



2206E1



C5E106

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.



005C00



2206E1



434900

Square

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



2206E1



BE0000



005800



0062B6

Rectangle

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



2206E1



D00054



005800



005E38

Sweetspot

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



2206E1



BFB5FF



06C7E1



595380



000000



808080

Same Dimension

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



2206E1



2100FF



8D06E1



666570



1600B0



060030

Inverse Universe

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



E106C5



FF00DE



5AE106



70656F



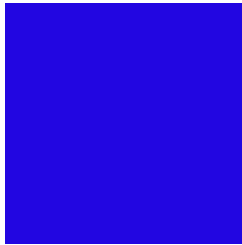
B00099



30002A

Previews

White Background



This preview shows how the Hex color 2206E1 looks on a white background.

Color Contrast Check

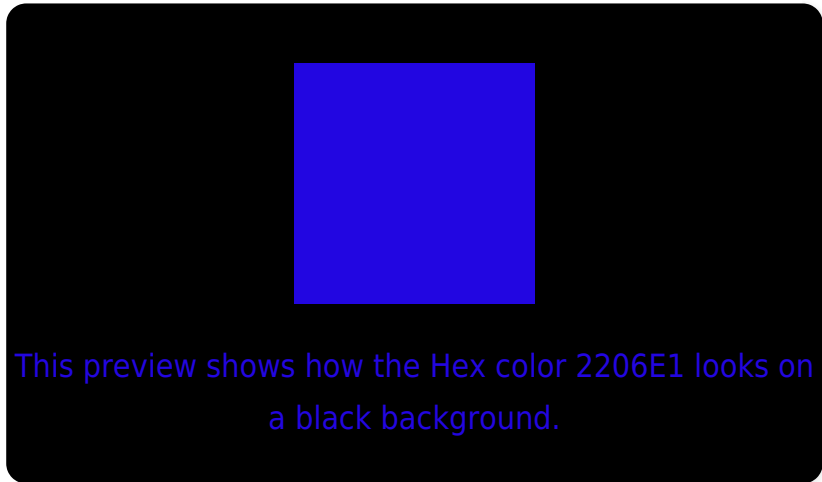
Large Text (above 18pt) WCAG AA ✓ Pass

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 2206E1 Background



This preview shows how black text looks on a background with the Hex color 2206E1.



This preview shows how white text looks on a background with the Hex color 2206E1.

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
2206E1

Protanopia
00438D

Deuteranopia
004877

Trichromacy



Original Color
2206E1

Protanomaly
0C2DAC

Deuteranomaly
0C309E

Tritanomaly
0C3385

Monochromacy



Original Color
2206E1

Achromatopsia
272727

Achromatomaly
251B6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2206E1 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 #2206E1 looks like.

```
.text, #text, p{  
    color:#2206E1  
}
```

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 #2206E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2206E1
}
```

Border

The CSS property to change the border of an element to Hex 2206E1 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".

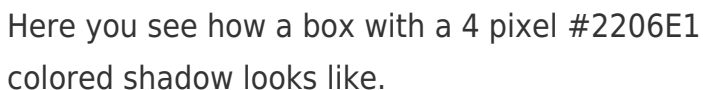
```
.border, #border, table{ border:4px solid
#2206E1 }
```

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

```
.border{ border-color:#2206E1 }
```

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

Here you see how a box with a 4 pixel #2206E1 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2206E1; -webkit-box-shadow:4px 4px  
4px 4px #2206E1; box-shadow:4px 4px 4px  
4px #2206E1 }
```

Background

The CSS property to change the background color of an element to Hex 2206E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2206E1 }
```

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

```
.background{ background-color:#2206E1 }
```

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