

Converting Colors

Hex(206AE1)

Have a look what the booklet for
Hex(206AE1) contains.

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Color

Hex(206AE1)

Conversions

Conversions Part 1

Format	Color
Hex	206AE1
RGB	32, 106, 225
RGB Percent	13%, 42%, 88%
CMY	0.8745, 0.5843, 0.1176
CMYK	0.86, 0.53, 0.00, 0.12
HSL	217°, 76%, 50%
HSV	217°, 86%, 88%
XYZ	19.3403, 16.0514, 73.3130
YIQ	97.4400, -82.3030, 21.3210

Conversions

Conversions Part 2

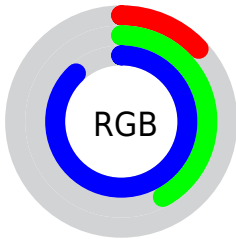
Format	Color
R _Y B	32, 85, 225
Decimal	2124513
CIE Lab	47.04, 22.36, -66.60
CIE LCh	47, 70.255, 288.555
Yxy	16.0514, 0.1779, 0.1477
Android (android.graphics.Color)	4280314593 (0xFF206AE1)
YUV	97.4400, 62.8871, -57.3909
Hunter-Lab	40.0642, 16.0555, -80.4492

Details

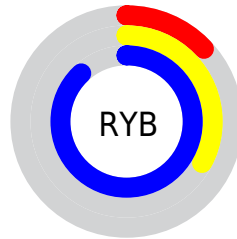
The Hex color **206AE1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E19720**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **719DFF**, and **003CA9** is the 20% darker color. If you saturate the color by 10%, you get **0A5CE1**, and if you desaturate by 10%, it is **3778E1**.

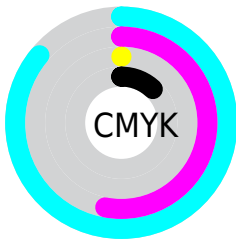
Distribution



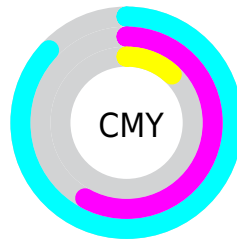
- Red (13%)
- Green (42%)
- Blue (88%)



- Red (13%)
- Yellow (33%)
- Blue (88%)



- Cyan (86%)
- Magenta (53%)
- Yellow (0%)
- Black (12%)



- Cyan (87%)
- Magenta (58%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206AE1 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 206AE1 by changing the saturation by 10% instead.

 206AE1

 206AE1

FFFFFF

 0052C5

 719DFF

 003CA9

 91B7FF

 00288E

 B0D3FF

 001673

 CFEFFF

 00065A

 EEEFFF

 000741

 00032A

 000114

 000000

■ 206AE1

■ 206AE1

■ 0A5CE1

■ 3778E1

■ 0056E1

■ 4D86E1

■ 6494E1

■ 7AA1E1

■ 91AFE1

■ A7BDE1

■ BECBE1

■ D4D9E1

■ EBE7E1

Harmonies

Analogous

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



007DE5



206AE1



9E4BBF

Triad

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



206AE1



C14812



008856

Complementary

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



206AE1



E19720

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.



008213



206AE1



9A6500

Square

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



206AE1



D5264E



657800



008994

Rectangle

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



206AE1



C1339C



657800



008641

Sweetspot

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



206AE1



BDD6FF



20E194



586780



000000



808080

Same Dimension

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



206AE1



0062FF



3320E1



656970



0043B0



001330

Inverse Universe

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



E1206A



FF0062



CEE120



706569



B00043



300013

Previews

White Background



This preview shows how the Hex color 206AE1 looks on a white background.

Color Contrast Check

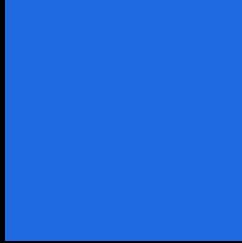
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 206AE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

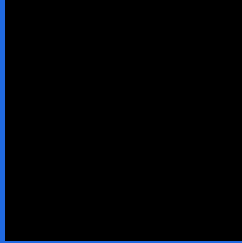
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

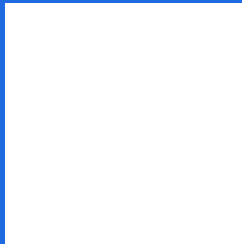
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 206AE1 Background



This preview shows how black text looks on a background with the Hex color 206AE1.

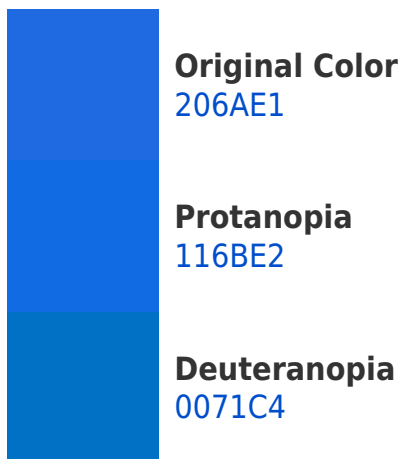


This preview shows how white text looks on a background with the Hex color 206AE1.

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](#).

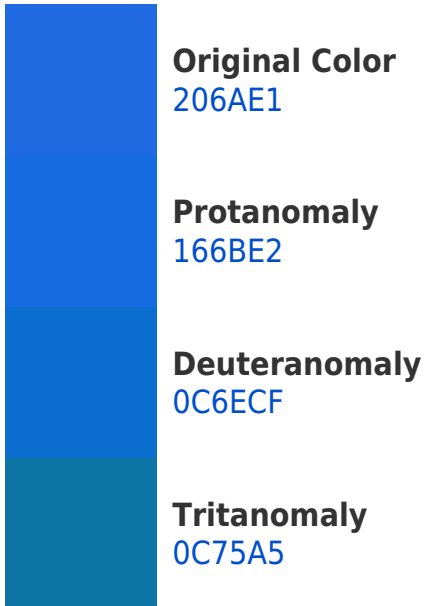
Dichromacy



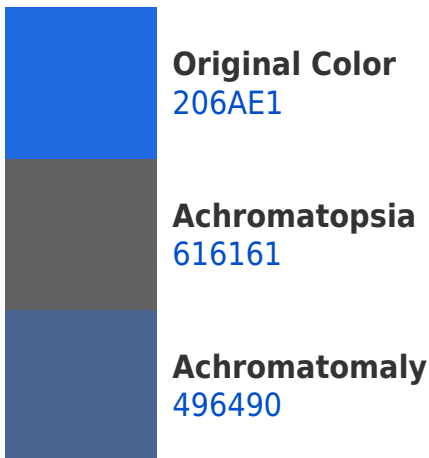


Tritanopia
007B83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 206AE1 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 #206AE1 looks like.

```
.text, #text, p{  
    color:#206AE1  
}
```

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 #206AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206AE1
}
```

Border

The CSS property to change the border of an element to Hex 206AE1 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
#206AE1 }
```

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

```
.border{ border-color:#206AE1 }
```

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

Here you see how a box with a 4 pixel #206AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206AE1; -webkit-box-shadow:4px 4px  
4px 4px #206AE1; box-shadow:4px 4px 4px  
4px #206AE1 }
```

Background

The CSS property to change the background color of an element to Hex 206AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206AE1 }
```

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

```
.background{ background-color:#206AE1 }
```

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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