

Converting Colors

Hex(208AE7)

Have a look what the booklet for
Hex(208AE7) contains.

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Color

Hex(208AE7)

Conversions

Conversions Part 1

Format	Color
Hex	208AE7
RGB	32, 138, 231
RGB Percent	13%, 54%, 91%
CMY	0.8745, 0.4588, 0.0941
CMYK	0.86, 0.40, 0.00, 0.09
HSL	208°, 81%, 52%
HSV	208°, 86%, 91%
XYZ	24.1079, 24.2536, 79.0121
YIQ	116.9080, -93.0290, 6.4510

Conversions

Conversions Part 2

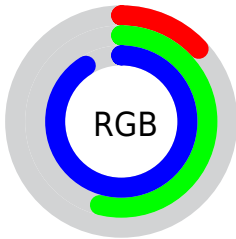
Format	Color
R_{YB}	32, 101, 231
Decimal	2132711
CIE _{Lab}	56.34, 4.69, -55.00
CIE _{LCh}	56, 55.199, 274.873
Yxy	24.2536, 0.1893, 0.1904
Android (android.graphics.Color)	4280322791 (0xFF208AE7)
YUV	116.9080, 56.2474, -74.4643
Hunter-Lab	49.2479, 1.1959, -60.6498

Details

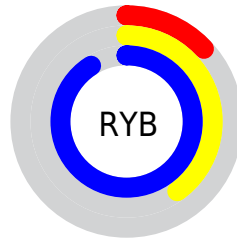
The Hex color **208AE7** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **E77D20**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **72BFFF**, and **0059AF** is the 20% darker color. If you saturate the color by 10%, you get **097FE7**, and if you desaturate by 10%, it is **3795E7**.

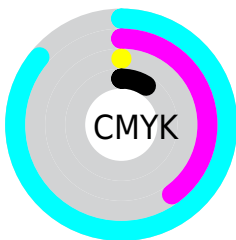
Distribution



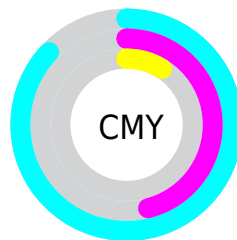
- Red (13%)
- Green (54%)
- Blue (91%)



- Red (13%)
- Yellow (40%)
- Blue (91%)



- Cyan (86%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)



- Cyan (87%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 208AE7 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 208AE7 by changing the saturation by 10% instead.

 208AE7

 208AE7

FFFFFF

 0071CB

 72BFFF

 0059AF

 92DBFF

 004294

 B1F7FF

 002D79

 D0FFFF

 001A60

 EFFFFFF

 000847

 000430

 00011A

 000000

■ 208AE7

■ 208AE7

■ 097FE7

■ 3795E7

■ 007BE7

■ 4EA0E7

■ 65AAE7

■ 7CB5E7

■ 93C0E7

■ ABCBE7

■ C2D6E7

■ D9E0E7

■ FOEBE7

Harmonies

Analogous

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



0097DE



208AE7



9377D6

Triad

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



208AE7



D96353



009B5C

Complementary

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



208AE7



E77D20

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.



679432



208AE7



C0762D

Square

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



208AE7



DD5A81



99871C



009E8E

Rectangle

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



208AE7



B969BF



99871C



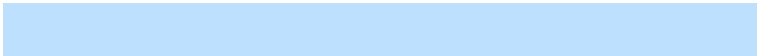
38994D

Sweetspot

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



208AE7



BDE0FF



20E77D



586D80



000000



808080

Same Dimension

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



208AE7



0088FF



2027E7



676D73



005FB3



001B33

Inverse Universe

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



E7208A



FF0088



E7E020



73676D



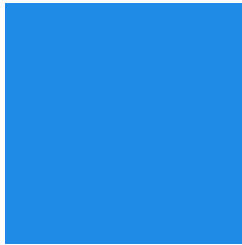
B3005F



33001B

Previews

White Background



This preview shows how the Hex color 208AE7 looks on a white background.

Color Contrast Check

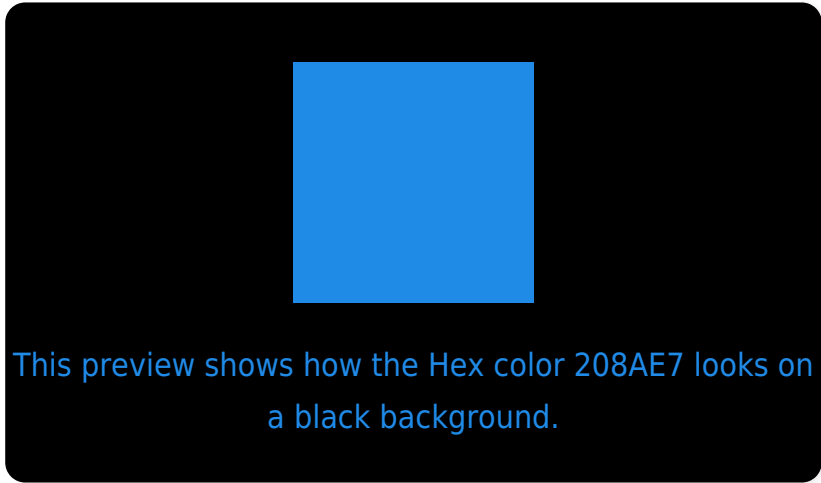
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

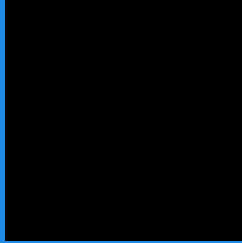
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

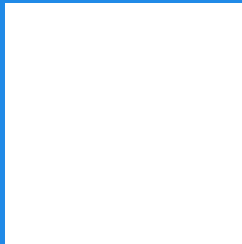
Any Text WCAG AAA × Fail

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

Hex 208AE7 Background



This preview shows how black text looks on a background with the Hex color 208AE7.



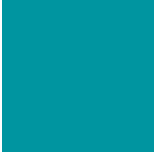
This preview shows how white text looks on a background with the Hex color 208AE7.

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](#).

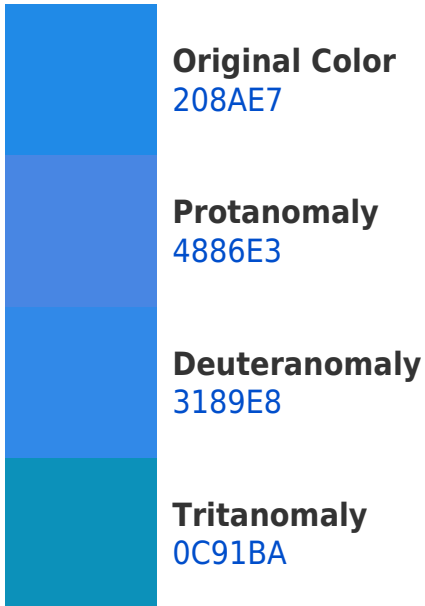
Dichromacy



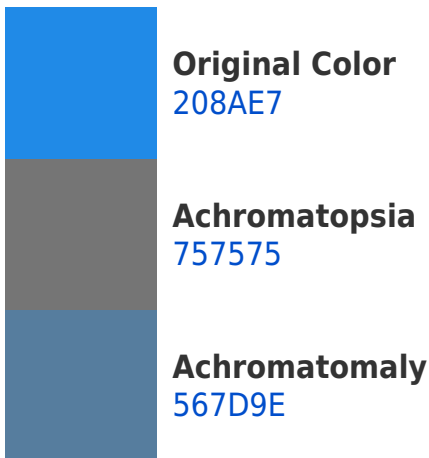


Tritanopia
0095A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 208AE7 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 #208AE7 looks like.

```
.text, #text, p{  
    color:#208AE7  
}
```

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 #208AE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #208AE7
}
```

Border

The CSS property to change the border of an element to Hex 208AE7 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
#208AE7 }
```

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

```
.border{ border-color:#208AE7 }
```

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

Here you see how a box with a 4 pixel #208AE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #208AE7; -webkit-box-shadow:4px 4px  
4px 4px #208AE7; box-shadow:4px 4px 4px  
4px #208AE7 }
```

Background

The CSS property to change the background color of an element to Hex 208AE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#208AE7 }
```

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

```
.background{ background-color:#208AE7 }
```

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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