

Converting Colors

Decimal(830200)

Have a look what the booklet for
Decimal(830200) contains.

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Color

Decimal(830200)

Conversions

Conversions Part 1

Format	Color
Hex	0CAAF8
RGB	12, 170, 248
RGB Percent	5%, 67%, 97%
CMY	0.9529, 0.3333, 0.0275
CMYK	0.95, 0.31, 0.00, 0.03
HSL	200°, 94%, 51%
HSV	200°, 95%, 97%
XYZ	31.4696, 35.6049, 94.0207
YIQ	131.6500, -119.2060, -9.2380

Conversions

Conversions Part 2

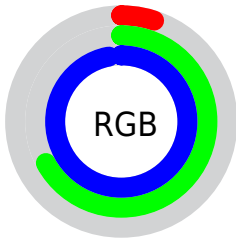
Format	Color
R _Y B	12, 107, 248
Decimal	830200
CIE Lab	66.22, -8.48, -48.70
CIE LCh	66, 49.431, 260.122
Yxy	35.6049, 0.1953, 0.2210
Android (android.graphics.Color)	4279020280 (0xFF0CAA F8)
YUV	131.6500, 57.3606, -104.9330
Hunter-Lab	59.6699, -10.2821, -51.6533

Details

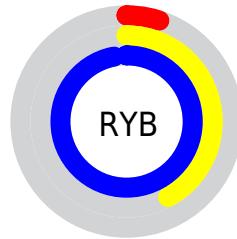
The Decimal color **830200** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **16275980**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **7463423**, and **30399** is the 20% darker color. If you saturate the color by 10%, you get **42744**, and if you desaturate by 10%, it is **2470648**.

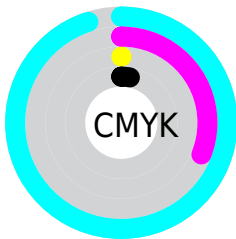
Distribution



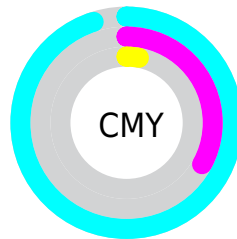
- Red (5%)
- Green (67%)
- Blue (97%)



- Red (5%)
- Yellow (42%)
- Blue (97%)



- Cyan (95%)
- Magenta (31%)
- Yellow (0%)
- Black (3%)




















- Cyan (95%)
- Magenta (33%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 830200 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 Decimal color 830200 by changing the saturation by 10% instead.

 830200	 830200
 16777215	 37083
 7463423	 30399
 9633535	 24228
 11796479	 18057
 13828095	 12655
 15925247	 7510
	 1598
	 808
	 273

■ 830200

■ 830200

■ 42744

■ 2470648

■ 4111096

■ 5686264

■ 7326712

■ 8967160

■ 10607608

■ 12248056

■ 13823224

■ 15463672

Harmonies

Analogous

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



46052



830200



9214964

Triad

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



830200



16022917



6992230

Complementary

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



830200



16275980

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.



10397770



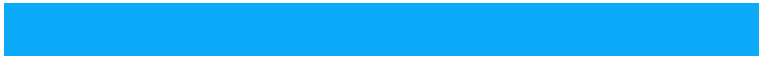
830200



15108446

Square

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



830200



15498674



13146439



46992

Rectangle

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



830200



12095461



13146439



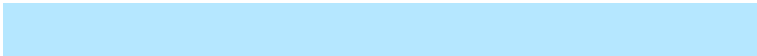
8171354

Sweetspot

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



830200



11921407



850007



5468544



0



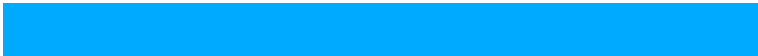
8421504

Same Dimension

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



830200



44031



800760



7371133



32445



10557

Inverse Universe

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



16256170



16711851



16305420



8220793



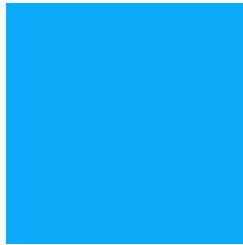
12386430



3997737

Previews

White Background



This preview shows how the Decimal color 830200 looks on a white background.

Color Contrast Check

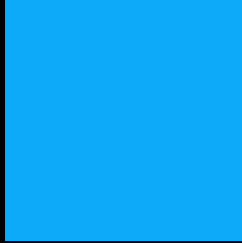
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 830200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

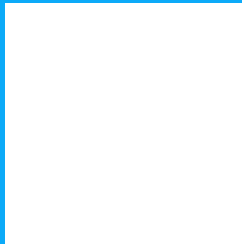
Any Text WCAG AAA ✓ Pass

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

Decimal 830200 Background



This preview shows how black text looks on a background with the Decimal color 830200.



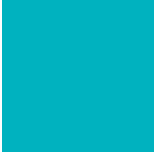
This preview shows how white text looks on a background with the Decimal color 830200.

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](#).

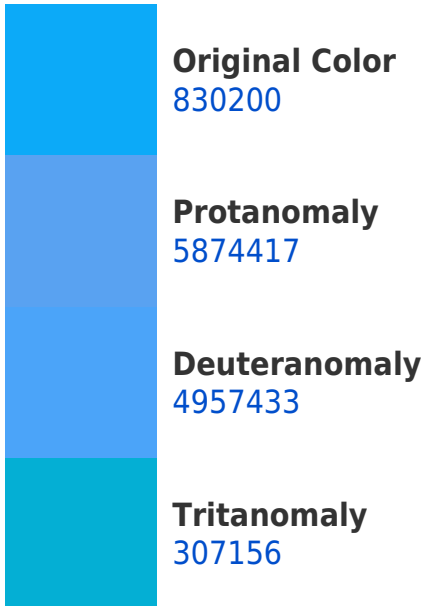
Dichromacy



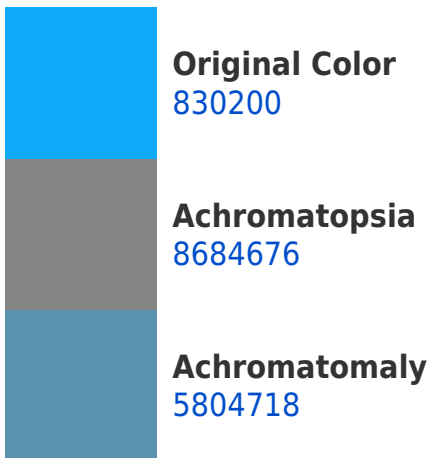


Tritanopia
45759

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 830200 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 #0CAAF8 looks like.

```
.text, #text, p{  
    color:#0CAAF8  
}
```

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 #0CAAF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CAAF8
}
```

Border

The CSS property to change the border of an element to Decimal 830200 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
#0CAAF8 }
```

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

```
.border{ border-color:#0CAAF8 }
```

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

Here you see how a box with a 4 pixel #0CAAF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CAAF8; -webkit-box-shadow:4px 4px  
4px 4px #0CAAF8; box-shadow:4px 4px 4px  
4px #0CAAF8 }
```

Background

The CSS property to change the background color of an element to Decimal 830200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CAAF8 }
```

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

```
.background{ background-color:#0CAAF8 }
```

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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