

Converting Colors

Decimal(9096930)

Have a look what the booklet for
Decimal(9096930) contains.

Decimal(9096930)	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

Decimal(9096930)

Conversions

Conversions Part 1

Format	Color
Hex	8ACEE2
RGB	138, 206, 226
RGB Percent	54%, 81%, 89%
CMY	0.4588, 0.1922, 0.1137
CMYK	0.39, 0.09, 0.00, 0.11
HSL	194°, 60%, 71%
HSV	194°, 39%, 89%
XYZ	46.2800, 55.0369, 80.1355
YIQ	187.9480, -46.9480, -8.1960

Conversions

Conversions Part 2

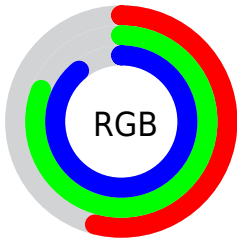
Format	Color
RYB	138, 176, 226
Decimal	9096930
CIELab	79.06, -16.39, -16.67
CIELCh	79, 23.382, 225.481
Yxy	55.0369, 0.2551, 0.3033
Android (android.graphics.Color)	4287287010 (0xFF8ACEE2)
YUV	187.9480, 18.7596, -43.8044
Hunter-Lab	74.1868, -18.4732, -12.1133

Details

The Decimal color **9096930** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14851722**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **12779519**, and **5478571** is the 20% darker color. If you saturate the color by 10%, you get **7588322**, and if you desaturate by 10%, it is **10605538**.

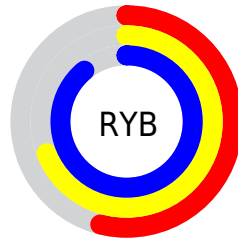
Distribution



Red (54%)

Green (81%)

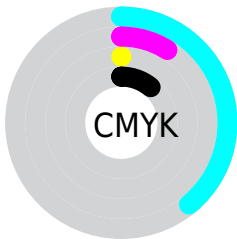
Blue (89%)



Red (54%)

Yellow (69%)

Blue (89%)

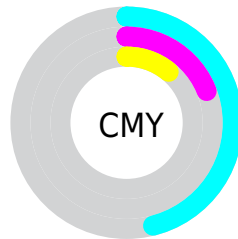


Cyan (39%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (46%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9096930 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 9096930 by changing the saturation by 10% instead.

 9096930

 9096930

16777215

 7254726

 12779519

 5478571

 14680063


 3571344

16646143

 1336694

 19806

 13894

 8240

 283

 0

■ 9096930

■ 9096930

■ 7588322

■ 10605538

■ 6145250

■ 12048610

■ 4636642

■ 13557218

■ 3193314

■ 15000546

■ 1684706

■ 16509154

■ 176098

■ 16772578

■ 45026

■ 16773858

■ 16775138

■ 16776418

Harmonies

Analogous

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



9031887



9096930



10340845

Triad

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



9096930



15316431



13223578

Complementary

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



9096930



14851722

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.



14598042



9096930



15840697

Square

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



9096930



14007266



15579302



11586725

Rectangle

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



9096930



11584751



15579302



13681817

Sweetspot

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



9096930



14743807



9101981



7240576



0



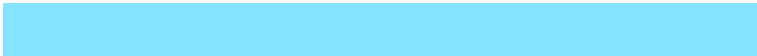
8421504

Same Dimension

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



9096930



8905983



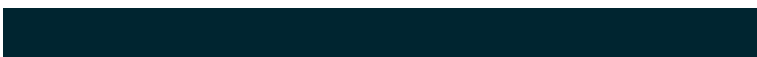
9085922



6647408



34992



9520

Inverse Universe

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



14846670



16746468



14862730



7365998



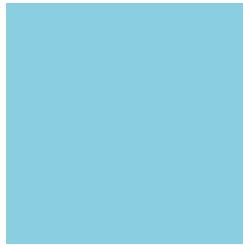
11534472



3145765

Previews

White Background



This preview shows how the Decimal color 9096930 looks on a white background.

Color Contrast Check

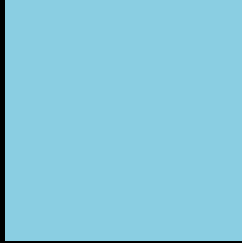
Large Text (above 18pt) WCAG AA × Fail

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 9096930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

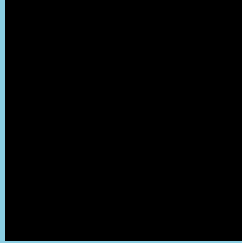
Any Text WCAG AA ✓ Pass

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 9096930 Background



This preview shows how black text looks on a background with the Decimal color 9096930.



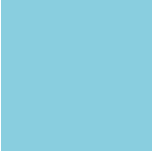
This preview shows how white text looks on a background with the Decimal color 9096930.

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](#).

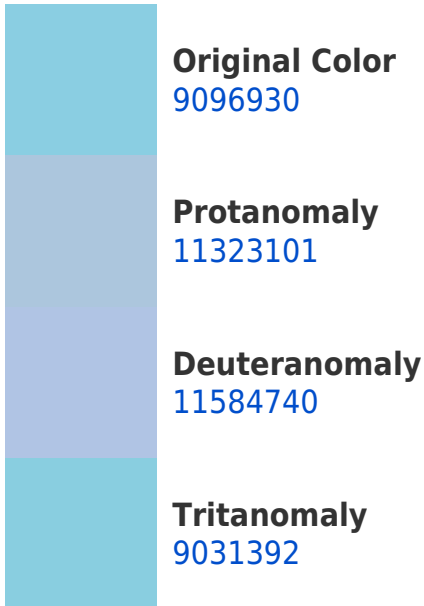
Dichromacy





Tritanopia
9031391

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 9096930 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 #8ACEE2 looks like.

```
.text, #text, p{  
    color:#8ACEE2  
}
```

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 #8ACEE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ACEE2
}
```

Border

The CSS property to change the border of an element to Decimal 9096930 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
#8ACEE2 }
```

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

```
.border{ border-color:#8ACEE2 }
```

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

Here you see how a box with a 4 pixel #8ACEE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ACEE2; -webkit-box-shadow:4px 4px  
4px 4px #8ACEE2; box-shadow:4px 4px 4px  
4px #8ACEE2 }
```

Background

The CSS property to change the background color of an element to Decimal 9096930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ACEE2 }
```

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

```
.background{ background-color:#8ACEE2 }
```

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