

# Converting Colors

Decimal(9042409)

Have a look what the booklet for  
Decimal(9042409) contains.

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**Color**

**Decimal(9042409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89F9E9
RGB	137, 249, 233
RGB Percent	54%, 98%, 91%
CMY	0.4627, 0.0235, 0.0863
CMYK	0.45, 0.00, 0.06, 0.02
HSL	171°, 90%, 76%
HSV	171°, 45%, 98%
XYZ	58.9002, 78.9529, 89.2259
YIQ	213.6880, -61.6160, -28.7200

# Conversions

## Conversions Part 2

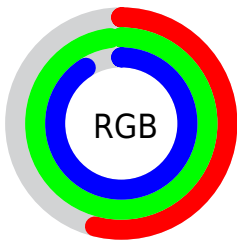
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 197, 249
Decimal	9042409
CIELab	91.21, -35.84, -2.31
CIELCh	91, 35.918, 183.683
Yxy	78.9529, 0.2594, 0.3477
Android (android.graphics.Color)	4287232489 (0xFF89F9E9)
YUV	213.6880, 9.5208, -67.2554
Hunter-Lab	88.8555, -37.1736, 2.6617

# Details

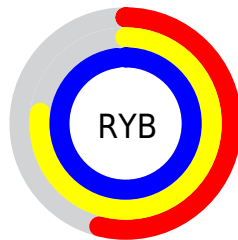
The Decimal color **9042409** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **16353689**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **12910591**, and **5095601** is the 20% darker color. If you saturate the color by 10%, you get **7404005**, and if you desaturate by 10%, it is **10680813**.

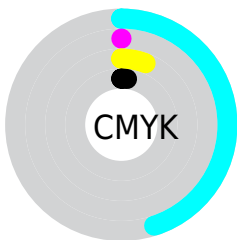
# Distribution



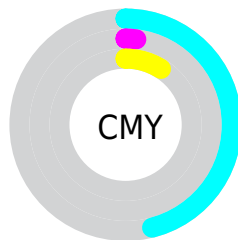
- Red (54%)
- Green (98%)
- Blue (91%)



- Red (54%)
- Yellow (77%)
- Blue (98%)



- Cyan (45%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (46%)
- Magenta (2%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9042409 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 9042409 by changing the saturation by 10% instead.



 9042409

 9042409

16777215

 7134413

 12910591

 5095601

 14811135

 2794903

 35453

 28772

 22348

 16182

 10528

 2314

 9042409

 9042409

 7404005

 10680813

 5765602


 12319216

 4127198

 13957620

 2488795

 15596023

 915927

 16775675

 63957

 16775678

 16775679

# Harmonies

## Analogous

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



11400902



9042409



8059135

# Triad

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



9042409



15784959



16767401

# Complementary

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



9042409



16353689

# 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.



16765121



9042409



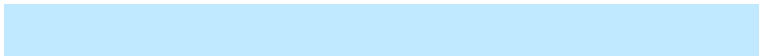
16765439

# Square

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



9042409



12642559



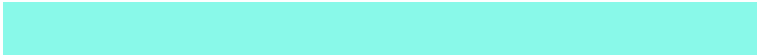
16764131



16442785

# Rectangle

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



9042409



8779007



16764131

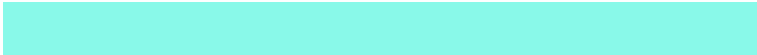


16766640

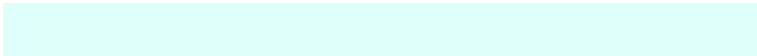


# Sweetspot

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



9042409



14614522



10156425



7045245



0



8421504



# Same Dimension

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



9042409



7733227



9032441



7372155



48546



15668



# Inverse Universe

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



16353689



16741769



16363657



8220786



12386331

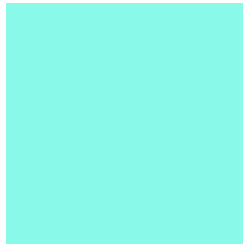


3997705



# Previews

## White Background



This preview shows how the Decimal color 9042409 looks on a white background.

## Color Contrast Check

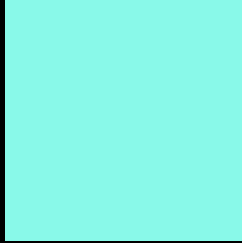
Large Text (above 18pt) WCAG AA × Fail

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 9042409 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 9042409 Background



This preview shows how black text looks on a background with the Decimal color 9042409.




This preview shows how white text looks on a background with the Decimal color 9042409.

# 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



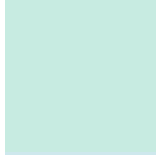


**Tritanopia**  
11399423

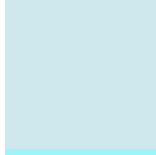
# Trichromacy



**Original Color**  
9042409



**Protanomaly**  
13102049



**Deuteranomaly**  
13560045

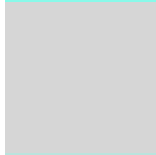


**Tritanomaly**  
10548215

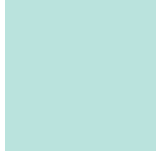
# Monochromacy



**Original Color**  
9042409



**Achromatopsia**  
14079702



**Achromatomaly**  
12248029

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9042409 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 #89F9E9 looks like.

```
.text, #text, p{  
    color:#89F9E9  
}
```

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 #89F9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89F9E9
}
```

## Border

The CSS property to change the border of an element to Decimal 9042409 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
#89F9E9 }
```

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

```
.border{ border-color:#89F9E9 }
```

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

Here you see how a box with a 4 pixel #89F9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89F9E9; -webkit-box-shadow:4px 4px  
4px 4px #89F9E9; box-shadow:4px 4px 4px  
4px #89F9E9 }
```

# Background

The CSS property to change the background color of an element to Decimal 9042409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89F9E9 }
```

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

```
.background{ background-color:#89F9E9 }
```

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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