

# Converting Colors

Decimal(9023210)

Have a look what the booklet for  
Decimal(9023210) contains.

<b>Decimal(9023210)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(9023210)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89AEEA
RGB	137, 174, 234
RGB Percent	54%, 68%, 92%
CMY	0.4627, 0.3176, 0.0824
CMYK	0.41, 0.26, 0.00, 0.08
HSL	217°, 70%, 73%
HSV	217°, 41%, 92%
XYZ	40.3039, 41.5310, 83.7339
YIQ	169.7770, -41.3120, 10.8160

# Conversions

## Conversions Part 2

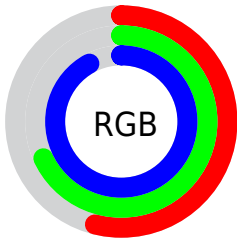
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	137, 164, 234
Decimal	9023210
CIE Lab	70.55, 2.60, -34.02
CIE LCh	71, 34.117, 274.364
Yxy	41.5310, 0.2434, 0.2508
Android (android.graphics.Color)	4287213290 (0xFF89AEEA)
YUV	169.7770, 31.6619, -28.7454
Hunter-Lab	64.4445, -1.1433, -31.9254

# Details

The Decimal color **9023210** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **15385993**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **12707327**, and **5405362** is the 20% darker color. If you saturate the color by 10%, you get **7512298**, and if you desaturate by 10%, it is **10534122**.

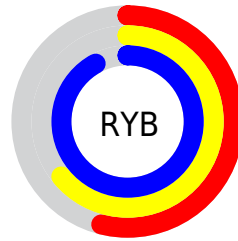
# Distribution



Red (54%)

Green (68%)

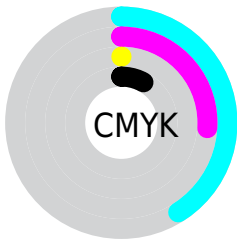
Blue (92%)



Red (54%)

Yellow (64%)

Blue (92%)

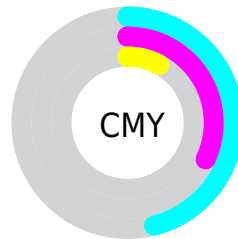


Cyan (41%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (46%)

Magenta (32%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9023210 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 9023210 by changing the saturation by 10% instead.



■ 9023210

■ 9023210

16777215

■ 7181262

■ 12707327

■ 5405362

■ 14614527

■ 3498391

■ 16580607

■ 1198717

■ 13156

■ 8011

■ 1077

■ 543

■ 1

■ 9023210

■ 9023210

■ 7512298

■ 10534122

■ 5935594

■ 12110826

■ 4424682

■ 13621738

■ 2847978

■ 15198442

■ 1337066

■ 16709354

■ 23018

■ 16777194

# Harmonies

## Analogous

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



5879780



9023210



11969504

# Triad

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



9023210



15243403



7846801

# Complementary

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



9023210



15385993

# 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.



10270072



9023210



14197109

# Square

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



9023210



15242665



12430446



5422512

# Rectangle

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



9023210



13540561



12430446



8698247

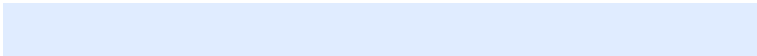


# Sweetspot

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



9023210



14740735



9038533



7238784



0



8421504



# Same Dimension

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



9023210



8433919



9734634



6975093



17845



5174



# Inverse Universe

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



15370670



16744624



14674569



7694958



11862085

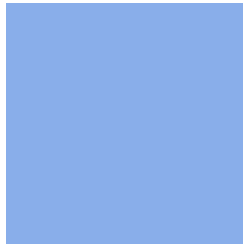


3538964



# Previews

## White Background



This preview shows how the Decimal color 9023210 looks on a white background.

## Color Contrast Check

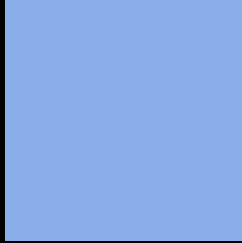
Large Text (above 18pt) WCAG AA × Fail

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 9023210 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

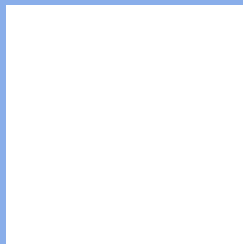
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9023210 Background



This preview shows how black text looks on a background with the Decimal color 9023210.



This preview shows how white text looks on a background with the Decimal color 9023210.

# 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](#).

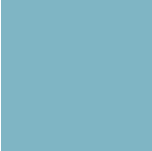
## Dichromacy



**Original Color**  
9023210

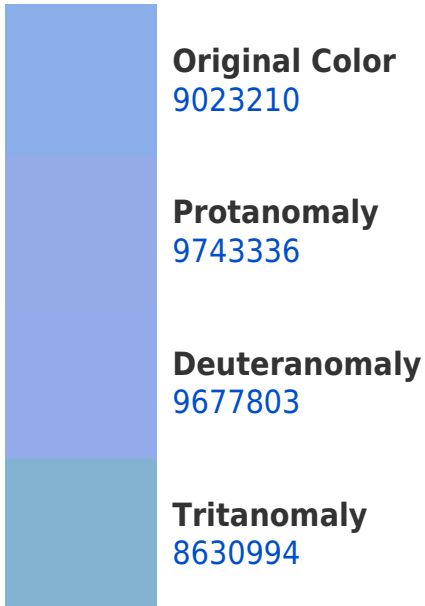
**Protanopia**  
10201831

**Deuteranopia**  
10070763



**Tritanopia**  
8369604

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9023210 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 #89AEEA looks like.

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

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 #89AEEA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 9023210 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
#89AEEA }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 9023210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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