

# Converting Colors

Decimal(10220266)

Have a look what the booklet for  
Decimal(10220266) contains.

<b>Decimal(10220266)</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(10220266)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BF2EA
RGB	155, 242, 234
RGB Percent	61%, 95%, 92%
CMY	0.3922, 0.0510, 0.0824
CMYK	0.36, 0.00, 0.03, 0.05
HSL	174°, 77%, 78%
HSV	174°, 36%, 95%
XYZ	60.1210, 76.4133, 89.4224
YIQ	215.0750, -49.2840, -20.9320

# Conversions

## Conversions Part 2

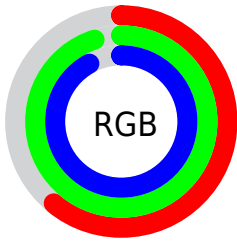
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 201, 242
Decimal	10220266
CIELab	90.05, -27.91, -4.45
CIELCh	90, 28.262, 189.056
Yxy	76.4133, 0.2661, 0.3382
Android (android.graphics.Color)	4288410346 (0xFF9BF2EA)
YUV	215.0750, 9.3300, -52.6858
Hunter-Lab	87.4147, -30.2093, 0.5385

# Details

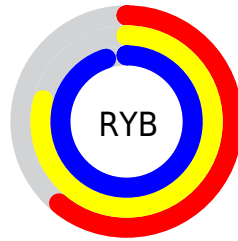
The Decimal color **10220266** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **15899555**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **13959167**, and **6535858** is the 20% darker color. If you saturate the color by 10%, you get **8647400**, and if you desaturate by 10%, it is **11793132**.

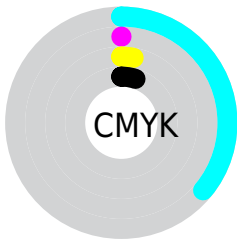
# Distribution



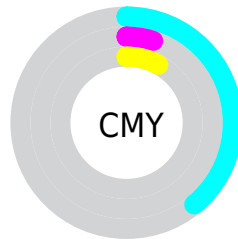
- Red (61%)
- Green (95%)
- Blue (92%)



- Red (61%)
- Yellow (79%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10220266 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 10220266 by changing the saturation by 10% instead.





10220266

10220266

8647400

11793132

7074534

13365998

5436131

15004401

3863265

16577267

2290399

16773877

717533

16773879

62172

16773882

16773884

16773886

# Harmonies

## Analogous

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



11727054



10220266



9957631

# Triad

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



10220266



15849983



16767665

# Complementary

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



10220266



15899555

# 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.



16765890



10220266



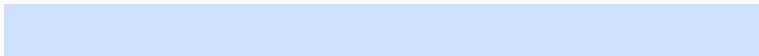
16765686

# Square

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



10220266



13492991



16764891



15655853

# Rectangle

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



10220266



10677759



16764891



16766901

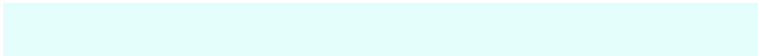


# Sweetspot

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



10220266



14942204



10810011



7307390



0



8421504



# Same Dimension

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



10220266



9568245



10211314



7108727



47271



14387



# Inverse Universe

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



15899555



16748955



15908507



7892077



12058641

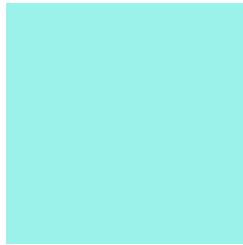


3670021



# Previews

## White Background



This preview shows how the Decimal color 10220266 looks on a white background.

## Color Contrast Check

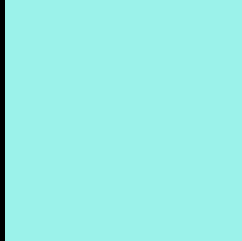
Large Text (above 18pt) WCAG AA × Fail

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 10220266 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

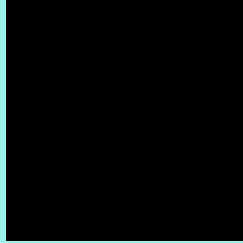
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10220266 Background



This preview shows how black text looks on a background with the Decimal color 10220266.



This preview shows how white text looks on a background with the Decimal color 10220266.

# 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**  
11070975

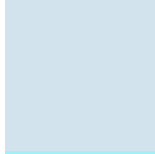
# Trichromacy



**Original Color**  
10220266



**Protanomaly**  
13363172



**Deuteranomaly**  
13820909

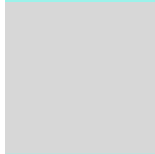


**Tritanomaly**  
10743799

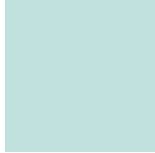
# Monochromacy



**Original Color**  
10220266



**Achromatopsia**  
14145495



**Achromatomaly**  
12706270

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10220266 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 #9BF2EA looks like.

```
.text, #text, p{  
    color:#9BF2EA  
}
```

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 #9BF2EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BF2EA
}
```

## Border

The CSS property to change the border of an element to Decimal 10220266 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
#9BF2EA }
```

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

```
.border{ border-color:#9BF2EA }
```

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

Here you see how a box with a 4 pixel #9BF2EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BF2EA; -webkit-box-shadow:4px 4px  
4px 4px #9BF2EA; box-shadow:4px 4px 4px  
4px #9BF2EA }
```

# Background

The CSS property to change the background color of an element to Decimal 10220266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BF2EA }
```

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

```
.background{ background-color:#9BF2EA }
```

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