

# Converting Colors

Decimal(9760496)

Have a look what the booklet for  
Decimal(9760496) contains.

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# **Color**

**Decimal(9760496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94EEF0
RGB	148, 238, 240
RGB Percent	58%, 93%, 94%
CMY	0.4196, 0.0667, 0.0588
CMYK	0.38, 0.01, 0.00, 0.06
HSL	181°, 75%, 76%
HSV	181°, 38%, 94%
XYZ	58.5155, 73.7362, 93.5865
YIQ	211.3180, -54.2820, -18.4580

# Conversions

## Conversions Part 2

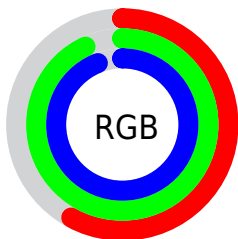
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 193, 240
Decimal	9760496
CIE <sub>Lab</sub>	88.80, -26.36, -9.47
CIE <sub>LCh</sub>	89, 28.013, 199.763
Yxy	73.7362, 0.2591, 0.3265
Android (android.graphics.Color)	4287950576 (0xFF94EEF0)
YUV	211.3180, 14.1402, -55.5299
Hunter-Lab	85.8698, -28.6344, -4.5092

# Details

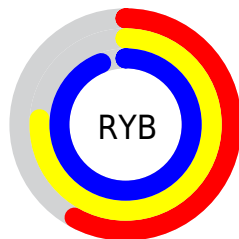
The Decimal color **9760496** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **15767188**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **13565951**, and **6010552** is the 20% darker color. If you saturate the color by 10%, you get **8187376**, and if you desaturate by 10%, it is **11333616**.

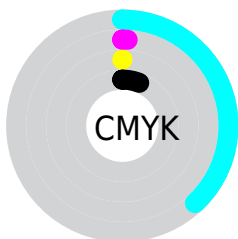
# Distribution



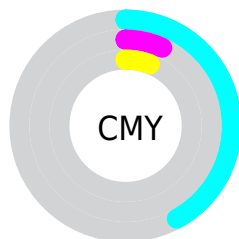
- Red (58%)
- Green (93%)
- Blue (94%)



- Red (58%)
- Yellow (76%)
- Blue (94%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (42%)
- Magenta (7%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9760496 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 9760496 by changing the saturation by 10% instead.



9760496

9760496

16777215

7918292

13565951

6010552

15466495

4037533

1671555

26474

20306

14139

8741

273

 9760496

 9760496

 8187376

 11333616

 6614512

 12906480

 5041392

 14479600

 3468528

 16052464

 1895408

 16773616

 322544

 16773872

 60400

 16774128

# Harmonies

## Analogous

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



10874581



9760496



10021887

# Triad

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



9760496



16306943



16571051

# Complementary

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



9760496



15767188

# 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.



16765623



9760496



16764393

# Square

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



9760496



14146559



16764110



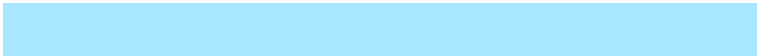
14738348

# Rectangle

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



9760496



11069439



16764110



16766894

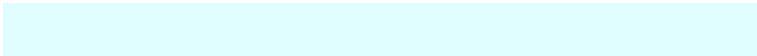


# Sweetspot

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



9760496



14745343



9760918



7241600



0



8421504



# Same Dimension

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



9760496



9108735



9748720



7108728



46264



14136



# Inverse Universe

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



15766766



16747260



15778964



7892088



12058804

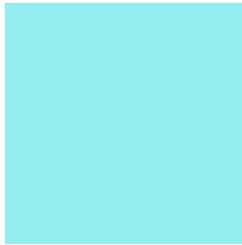


3670071



# Previews

## White Background



This preview shows how the Decimal color 9760496 looks on a white background.

## Color Contrast Check

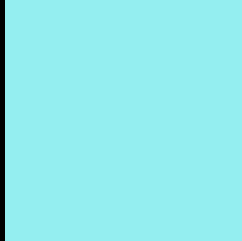
Large Text (above 18pt) WCAG AA × Fail

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 9760496 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

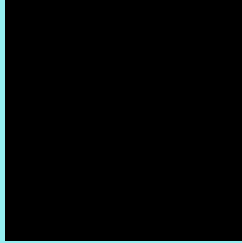
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 9760496 Background



This preview shows how black text looks on a background with the Decimal color 9760496.



This preview shows how white text looks on a background with the Decimal color 9760496.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9760496 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 #94EEF0 looks like.

```
.text, #text, p{  
    color:#94EEF0  
}
```

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 #94EEF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94EEF0
}
```

## Border

The CSS property to change the border of an element to Decimal 9760496 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
#94EEF0 }
```

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

```
.border{ border-color:#94EEF0 }
```

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

Here you see how a box with a 4 pixel #94EEF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94EEF0; -webkit-box-shadow:4px 4px  
4px 4px #94EEF0; box-shadow:4px 4px 4px  
4px #94EEF0 }
```

# Background

The CSS property to change the background color of an element to Decimal 9760496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94EEF0 }
```

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

```
.background{ background-color:#94EEF0 }
```

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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