

# Converting Colors

Decimal(11599583)

Have a look what the booklet for  
Decimal(11599583) contains.

<b>Decimal(11599583)</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(11599583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0FEDF
RGB	176, 254, 223
RGB Percent	69%, 100%, 87%
CMY	0.3098, 0.0039, 0.1255
CMYK	0.31, 0.00, 0.12, 0.00
HSL	156°, 98%, 84%
HSV	156°, 31%, 100%
XYZ	66.6656, 85.4414, 82.7902
YIQ	227.1440, -36.5370, -26.1770

# Conversions

## Conversions Part 2

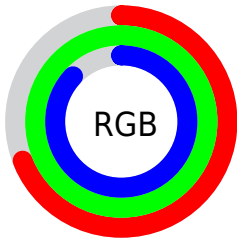
Format	Color
<b>RYB</b>	176, 225, 254
Decimal	11599583
CIELab	94.07, -30.21, 7.24
CIELCh	94, 31.060, 166.528
Yxy	85.4414, 0.2838, 0.3637
Android (android.graphics.Color)	4289789663 (0xFFB0FEDF)
YUV	227.1440, -2.0430, -44.8533
Hunter-Lab	92.4345, -33.0228, 11.6003

# Details

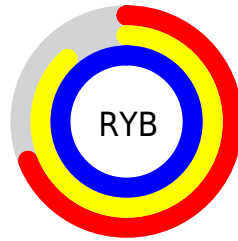
The Decimal color **11599583** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **16691407**, and the grayscale version is **14935011**.

A 20% lighter version of the original color is **15335423**, and **7980456** is the 20% darker color. If you saturate the color by 10%, you get **9961173**, and if you desaturate by 10%, it is **13237993**.

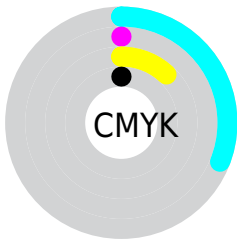
# Distribution



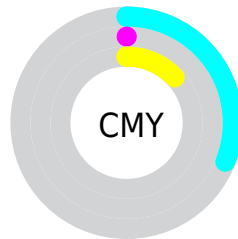
- Red (69%)
- Green (100%)
- Blue (87%)



- Red (69%)
- Yellow (88%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11599583 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 11599583 by changing the saturation by 10% instead.



 11599583

 11599583

16777215

 9757123

 15335423

 7980456

 6204045

 4427636

 2585947

 89156

 17454

 11545

 5888

■ 11599583

■ 11599583

■ 9961173

■ 13237993

■ 8257227

■ 14941939

■ 6618817

■ 16580349

■ 4914871

16776959

■ 3276461

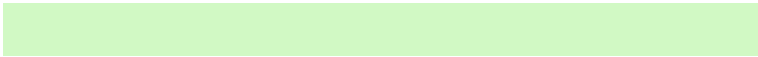
■ 1638050

■ 65177

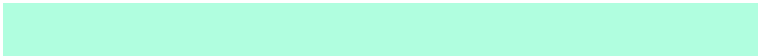
# Harmonies

## Analogous

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



13760964



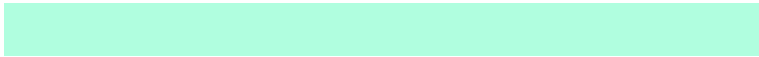
11599583



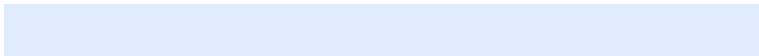
10158078

# Triad

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



11599583



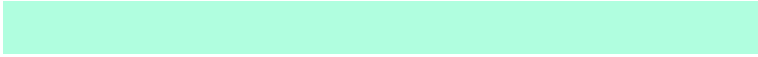
14806015



16768708

# Complementary

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



11599583



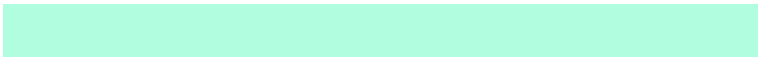
16691407

# 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.



16767454



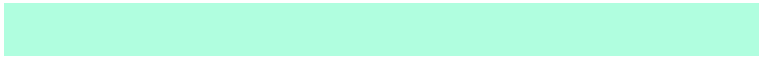
11599583



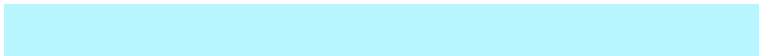
16769535

# Square

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



11599583



12121599



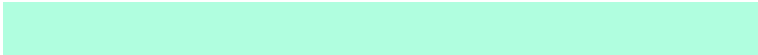
16767741



16770996

# Rectangle

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



11599583



9960959



16767741

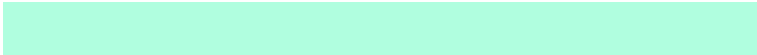


16768204

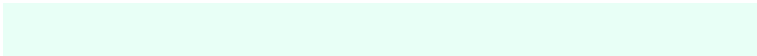


# Sweetspot

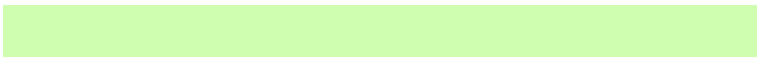
The Sweet Spot groups the original color and five complimentary colors.



11599583



15269878



13631152



7438458



0

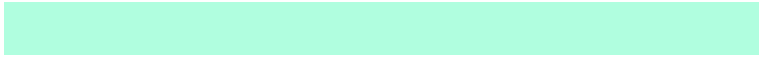


8421504



# Same Dimension

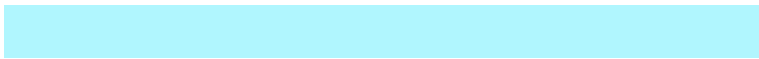
The Same Dimension uses a secret algorithm to generate beautiful new colors.



11599583



10616794



11597566



7569530



49011



16422



# Inverse Universe

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



16691407



16753094



16693424



8418168



12517452

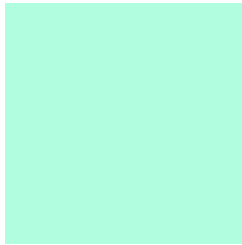


4194329



# Previews

## White Background



This preview shows how the Decimal color 11599583 looks on a white background.

## Color Contrast Check

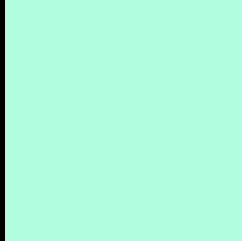
Large Text (above 18pt) WCAG AA × Fail

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 11599583 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 11599583 Background



This preview shows how black text looks on a background with the Decimal color 11599583.

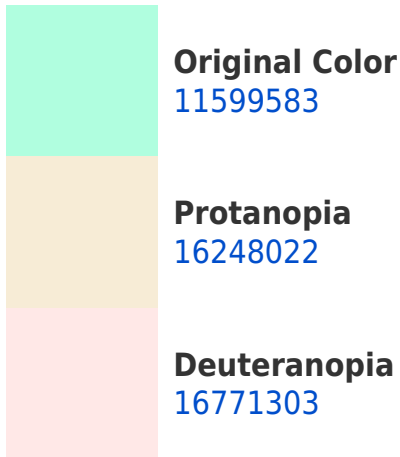


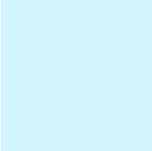
This preview shows how white text looks on a background with the Decimal color 11599583.

# 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





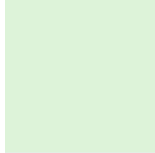
**Tritanopia**  
13759487

# Trichromacy



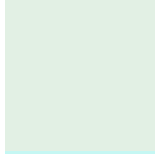
**Original Color**

11599583



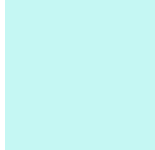
**Protanomaly**

14545881



**Deuteranomaly**

14872804



**Tritanomaly**

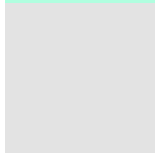
12974067

# Monochromacy



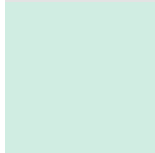
**Original Color**

11599583



**Achromatopsia**

14935011



**Achromatomaly**

13692386

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11599583 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 #B0FEDF looks like.

```
.text, #text, p{  
    color:#B0FEDF  
}
```

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 #B0FEDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0FEDF
}
```

## Border

The CSS property to change the border of an element to Decimal 11599583 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
#B0FEDF }
```

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

```
.border{ border-color:#B0FEDF }
```

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

Here you see how a box with a 4 pixel #B0FEDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0FEDF; -webkit-box-shadow:4px 4px  
4px 4px #B0FEDF; box-shadow:4px 4px 4px  
4px #B0FEDF }
```

# Background

The CSS property to change the background color of an element to Decimal 11599583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0FEDF }
```

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

```
.background{ background-color:#B0FEDF }
```

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