

Converting Colors

Decimal(10219263)

Have a look what the booklet for
Decimal(10219263) contains.

Decimal(10219263)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(10219263)

Conversions

Conversions Part 1

Format	Color
Hex	9BEEFF
RGB	155, 238, 255
RGB Percent	61%, 93%, 100%
CMY	0.3922, 0.0667, 0.0000
CMYK	0.39, 0.07, 0.00, 0.00
HSL	190°, 100%, 80%
HSV	190°, 39%, 100%
XYZ	62.1421, 75.3376, 105.8741
YIQ	215.1210, -54.9250, -12.3090

Conversions

Conversions Part 2

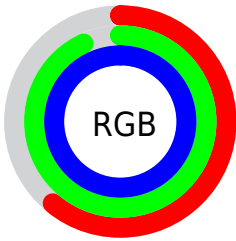
Format	Color
R _Y B	155, 200, 255
Decimal	10219263
CIE Lab	89.55, -21.00, -16.16
CIE LCh	90, 26.494, 217.575
Yxy	75.3376, 0.2554, 0.3096
Android (android.graphics.Color)	4288409343 (0xFF9BEEFF)
YUV	215.1210, 19.6603, -52.7261
Hunter-Lab	86.7973, -24.0989, -11.5631

Details

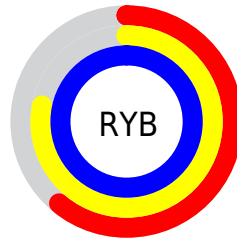
The Decimal color **10219263** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **16755867**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **14024703**, and **6469318** is the 20% darker color. If you saturate the color by 10%, you get **8579839**, and if you desaturate by 10%, it is **11858687**.

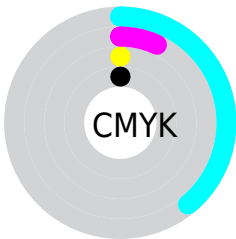
Distribution



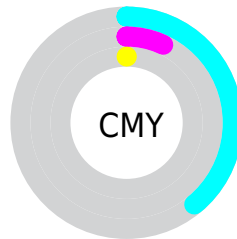
- Red (61%)
- Green (93%)
- Blue (100%)



- Red (61%)
- Yellow (78%)
- Blue (100%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)

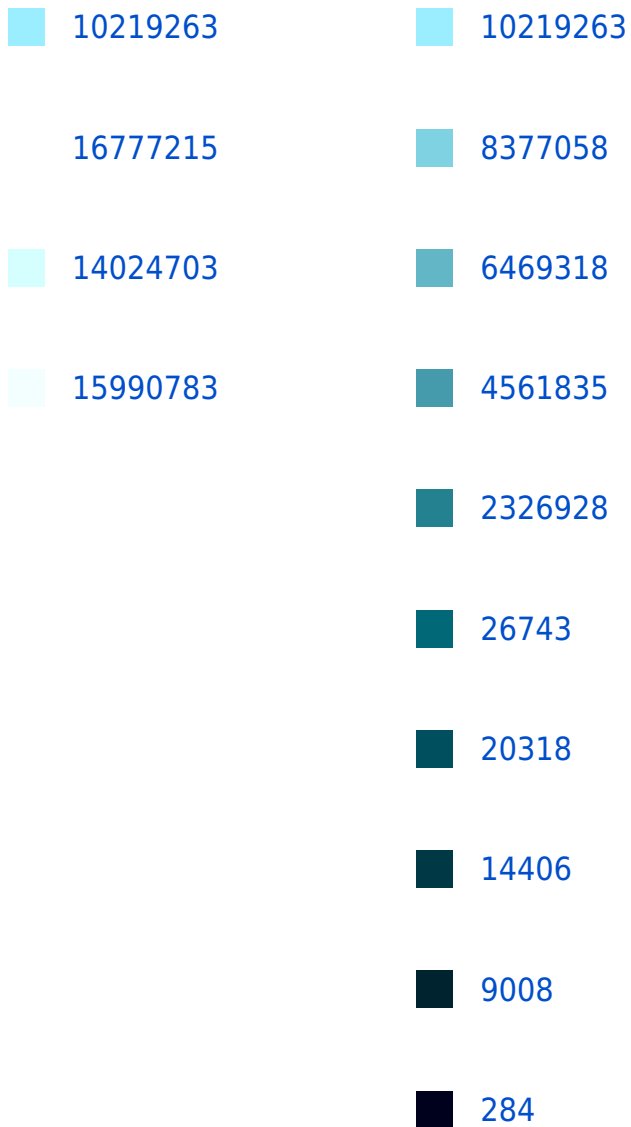


- Cyan (39%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10219263 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 10219263 by changing the saturation by 10% instead.



■ 10219263

■ 10219263

■ 8579839

■ 11858687

■ 6874623

■ 13563903

■ 5235199

■ 15268863

■ 3530239

16777215

■ 1825023

■ 185599

■ 54527

Harmonies

Analogous

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



10547431



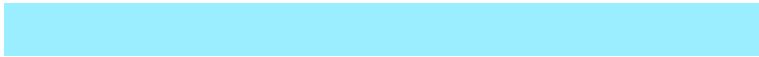
10219263



11332095

Triad

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



10219263



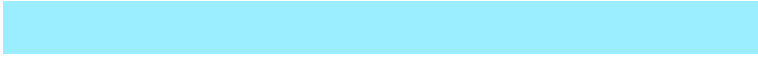
16765685



15655343

Complementary

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



10219263



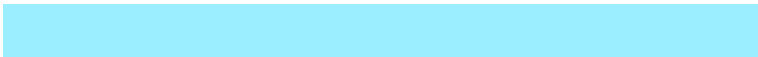
16755867

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.



16767411



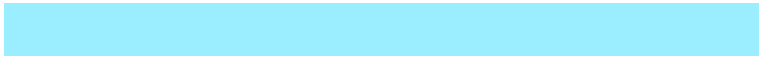
10219263



16764891

Square

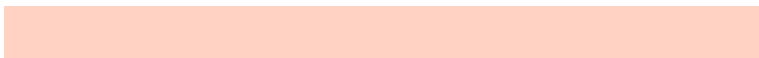
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10219263



15653119



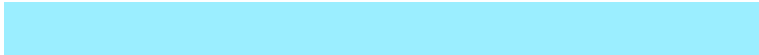
16765635



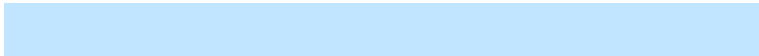
13756857

Rectangle

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



10219263



12707071



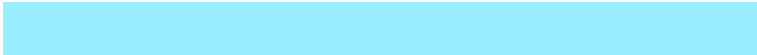
16765635



16179119

Sweetspot

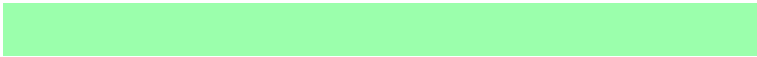
The Sweet Spot groups the original color and five complimentary colors.



10219263



14744319



10223532



7240832



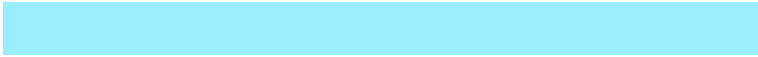
0



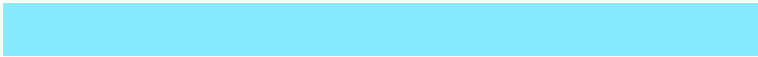
8421504

Same Dimension

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



10219263



8907775



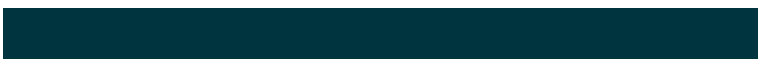
10206463



7568768



40895



13632

Inverse Universe

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



16751598



16746475



16768667



8418173



12517535



4194357

Previews

White Background



This preview shows how the Decimal color 10219263 looks on a white background.

Color Contrast Check

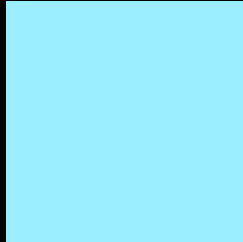
Large Text (above 18pt) WCAG AA × Fail

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 10219263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

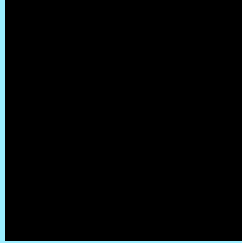
Any Text WCAG AA ✓ Pass

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 10219263 Background



This preview shows how black text looks on a background with the Decimal color 10219263.

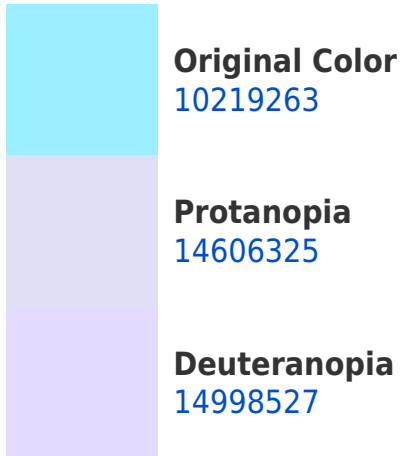



This preview shows how white text looks on a background with the Decimal color 10219263.

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
10612223

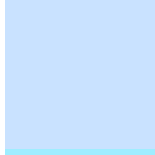
Trichromacy



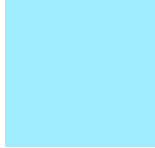
Original Color
10219263



Protanomaly
13034745



Deuteranomaly
13230847

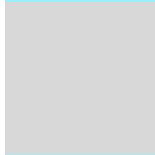


Tritanomaly
10481151

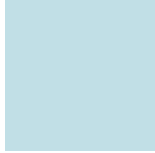
Monochromacy



Original Color
10219263



Achromatopsia
14145495



Achromatomaly
12705766

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10219263 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 #9BEEFF looks like.

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

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 #9BEEFF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 10219263 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
#9BEEFF }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 10219263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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