

Converting Colors

Decimal(10019316)

Have a look what the booklet for
Decimal(10019316) contains.

Decimal(10019316)	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(10019316)

Conversions

Conversions Part 1

Format	Color
Hex	98E1F4
RGB	152, 225, 244
RGB Percent	60%, 88%, 96%
CMY	0.4039, 0.1176, 0.0431
CMYK	0.38, 0.08, 0.00, 0.04
HSL	192°, 81%, 78%
HSV	192°, 38%, 96%
XYZ	56.2032, 67.0575, 95.5691
YIQ	205.3390, -49.6070, -9.5670

Conversions

Conversions Part 2

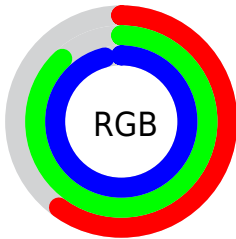
Format	Color
RYB	152, 193, 244
Decimal	10019316
CIELab	85.53, -17.97, -16.43
CIELCh	86, 24.351, 222.446
Yxy	67.0575, 0.2568, 0.3064
Android (android.graphics.Color)	4288209396 (0xFF98E1F4)
YUV	205.3390, 19.0599, -46.7783
Hunter-Lab	81.8886, -20.7939, -11.8731

Details

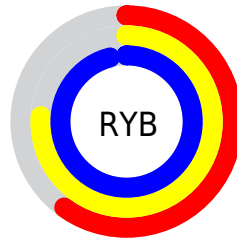
The Decimal color **10019316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **16034712**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **13762559**, and **6335164** is the 20% darker color. If you saturate the color by 10%, you get **8445172**, and if you desaturate by 10%, it is **11593460**.

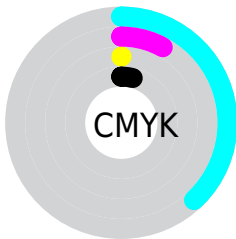
Distribution



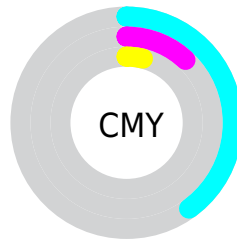
- Red (60%)
- Green (88%)
- Blue (96%)



- Red (60%)
- Yellow (76%)
- Blue (96%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10019316 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 10019316 by changing the saturation by 10% instead.

 10019316	 10019316
 16777215	 8177112
 13762559	 6335164
 15728639	 4493217
	 2454919
	 23917
	 17749
	 11838
	 6952
	 275

■ 10019316

■ 10019316

■ 8445172

■ 11593460

■ 6805492

■ 13233140

■ 5231348

■ 14807284

■ 3591668

■ 16446964

■ 2017524

■ 16775924

■ 443380

■ 16777204

■ 49908

Harmonies

Analogous

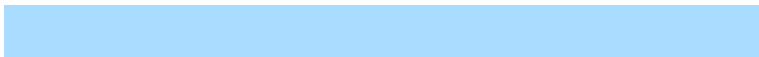
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10085343



10019316



11197695

Triad

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



10019316



16566244



14538665

Complementary

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



10019316



16034712

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.



16044202



10019316



16762573

Square

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



10019316



15126008



16763320



12836531

Rectangle

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



10019316



12441599



16763320



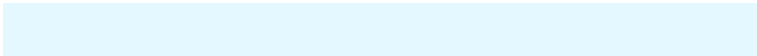
15127976

Sweetspot

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



10019316



14940671



10024106



7306368



0



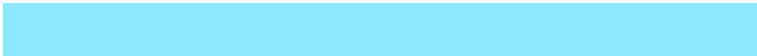
8421504

Same Dimension

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



10019316



9234431



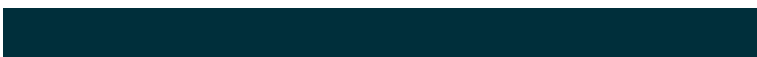
10007796



7239802



38074



12091

Inverse Universe

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



16029921



16747751



16046232



8023672



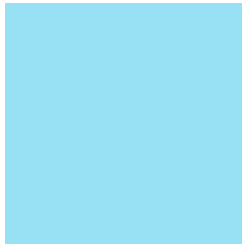
12189844



3866671

Previews

White Background



This preview shows how the Decimal color 10019316 looks on a white background.

Color Contrast Check

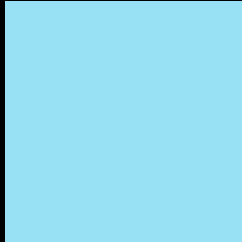
Large Text (above 18pt) WCAG AA × Fail

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 10019316 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 10019316 Background



This preview shows how black text looks on a background with the Decimal color 10019316.




This preview shows how white text looks on a background with the Decimal color 10019316.

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



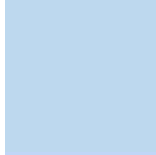


Tritanopia
10019315

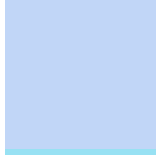
Trichromacy



Original Color
10019316



Protanomaly
12441838

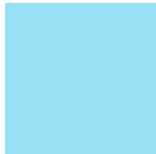


Deuteranomaly
12703479

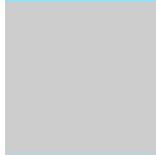


Tritanomaly
10019315

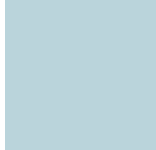
Monochromacy



Original Color
10019316



Achromatopsia
13487565



Achromatomaly
12244187

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10019316 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 #98E1F4 looks like.

```
.text, #text, p{  
    color:#98E1F4  
}
```

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 #98E1F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E1F4
}
```

Border

The CSS property to change the border of an element to Decimal 10019316 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
#98E1F4 }
```

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

```
.border{ border-color:#98E1F4 }
```

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

Here you see how a box with a 4 pixel #98E1F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E1F4; -webkit-box-shadow:4px 4px  
4px 4px #98E1F4; box-shadow:4px 4px 4px  
4px #98E1F4 }
```

Background

The CSS property to change the background color of an element to Decimal 10019316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E1F4 }
```

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

```
.background{ background-color:#98E1F4 }
```

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