

Converting Colors

Decimal(10008535)

Have a look what the booklet for
Decimal(10008535) contains.

Decimal(10008535)	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(10008535)

Conversions

Conversions Part 1

Format	Color
Hex	98B7D7
RGB	152, 183, 215
RGB Percent	60%, 72%, 84%
CMY	0.4039, 0.2824, 0.1569
CMYK	0.29, 0.15, 0.00, 0.16
HSL	210°, 44%, 72%
HSV	210°, 29%, 84%
XYZ	42.1481, 45.4487, 70.8410
YIQ	177.3790, -28.7480, 3.3800

Conversions

Conversions Part 2

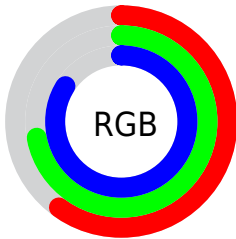
Format	Color
RYB	152, 173, 215
Decimal	10008535
CIELab	73.19, -3.14, -19.53
CIELCh	73, 19.784, 260.871
Yxy	45.4487, 0.2660, 0.2869
Android (android.graphics.Color)	4288198615 (0xFF98B7D7)
YUV	177.3790, 18.5472, -22.2574
Hunter-Lab	67.4156, -6.3795, -15.1116

Details

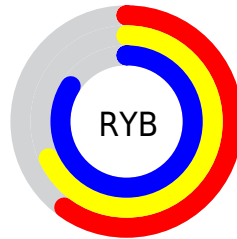
The Decimal color **10008535** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **14137496**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **13627391**, and **6521504** is the 20% darker color. If you saturate the color by 10%, you get **8629463**, and if you desaturate by 10%, it is **11453143**.

Distribution



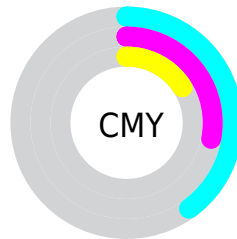
- Red (60%)
- Green (72%)
- Blue (84%)



- Red (60%)
- Yellow (68%)
- Blue (84%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)

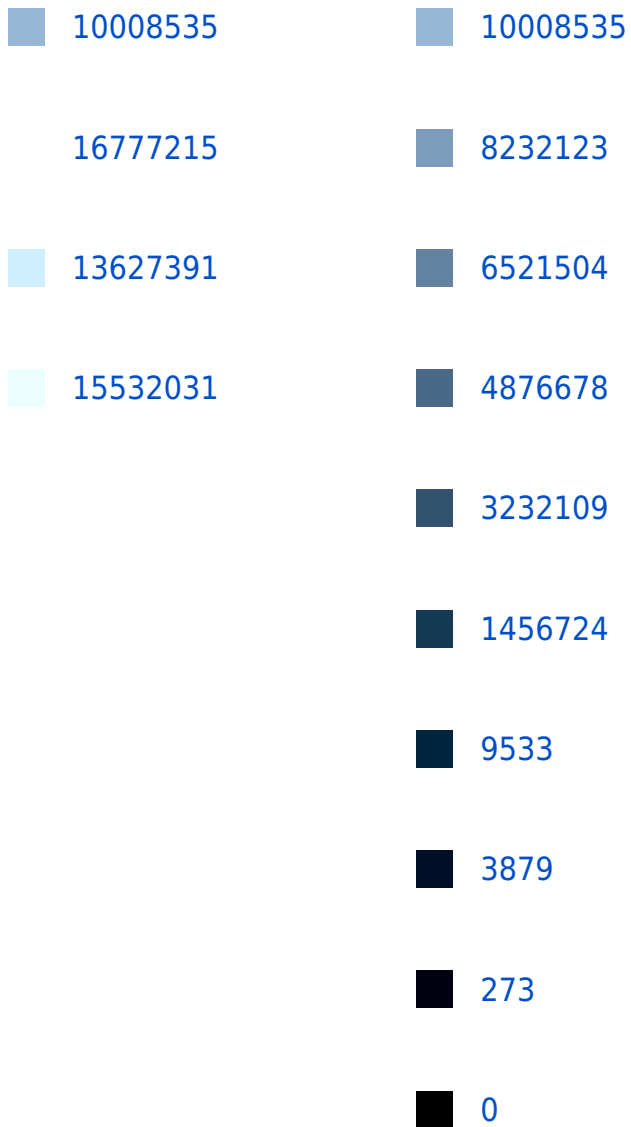


- Cyan (40%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10008535 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 10008535 by changing the saturation by 10% instead.



■ 10008535

■ 10008535

■ 8629463

■ 11453143

■ 7184855

■ 12832215

■ 5740247

■ 14276823

■ 4361175

■ 15655895

■ 2982103

■ 16772823

■ 1537495

■ 16775639

■ 93143

■ 16777175

■ 27351

Harmonies

Analogous

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



8895695



10008535



11579861

Triad

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



10008535



14329768



10468252

Complementary

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



10008535



14137496

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.



11843218



10008535



14003096

Square

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



10008535



14002106



13087120



9289389

Rectangle

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



10008535



12561871



13087120



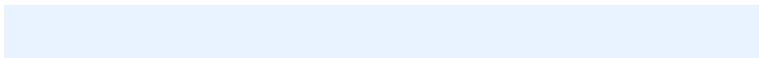
10926744

Sweetspot

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



10008535



15266815



10016696



7436416



0



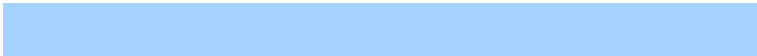
8421504

Same Dimension

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



10008535



10932991



10000599



6317675



21675



5419

Inverse Universe

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



14129335



16754386



14145432



7037030



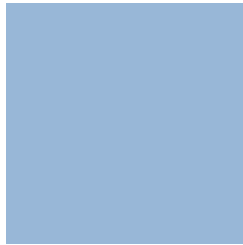
11206740



2818069

Previews

White Background



This preview shows how the Decimal color 10008535 looks on a white background.

Color Contrast Check

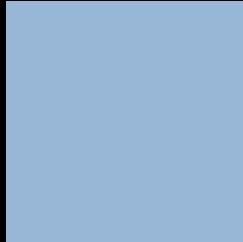
Large Text (above 18pt) WCAG AA × Fail

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 10008535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

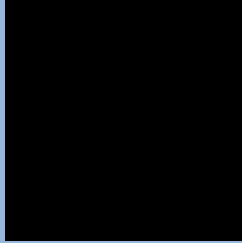
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

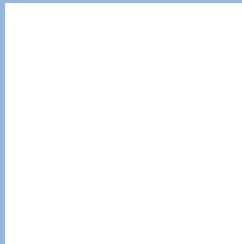
Any Text WCAG AAA ✓ Pass

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

Decimal 10008535 Background



This preview shows how black text looks on a background with the Decimal color 10008535.

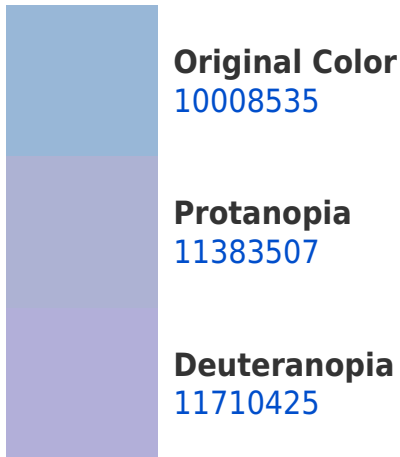


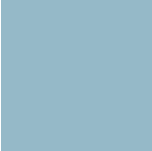
This preview shows how white text looks on a background with the Decimal color 10008535.

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](#).

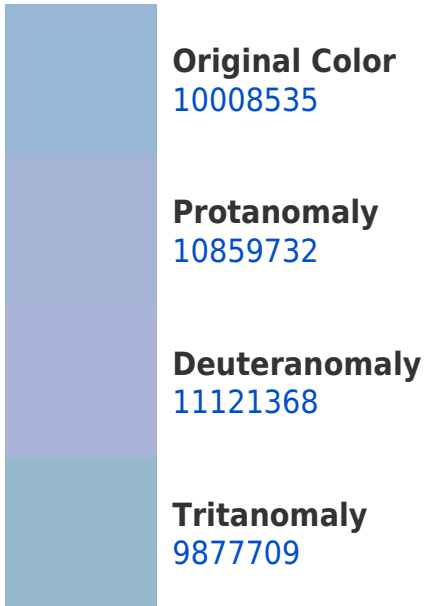
Dichromacy



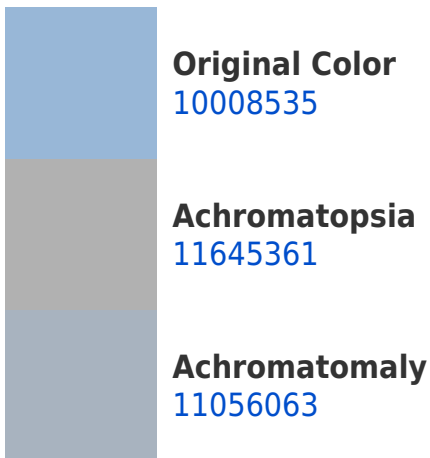


Tritanopia
9812424

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 10008535 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 #98B7D7 looks like.

```
.text, #text, p{  
    color:#98B7D7  
}
```

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 #98B7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B7D7
}
```

Border

The CSS property to change the border of an element to Decimal 10008535 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
#98B7D7 }
```

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

```
.border{ border-color:#98B7D7 }
```

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

Here you see how a box with a 4 pixel #98B7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B7D7; -webkit-box-shadow:4px 4px  
4px 4px #98B7D7; box-shadow:4px 4px 4px  
4px #98B7D7 }
```

Background

The CSS property to change the background color of an element to Decimal 10008535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B7D7 }
```

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

```
.background{ background-color:#98B7D7 }
```

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