

Converting Colors

Decimal(10006233)

Have a look what the booklet for
Decimal(10006233) contains.

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Color

Decimal(10006233)

Conversions

Conversions Part 1

Format	Color
Hex	98AED9
RGB	152, 174, 217
RGB Percent	60%, 68%, 85%
CMY	0.4039, 0.3176, 0.1490
CMYK	0.30, 0.20, 0.00, 0.15
HSL	220°, 46%, 72%
HSV	220°, 30%, 85%
XYZ	40.6093, 41.9573, 71.6039
YIQ	172.3240, -26.9150, 8.7090

Conversions

Conversions Part 2

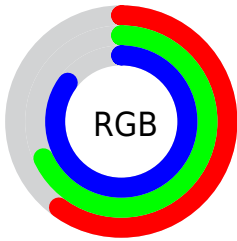
Format	Color
RYB	152, 168, 217
Decimal	10006233
CIELab	70.84, 2.27, -24.20
CIELCh	71, 24.302, 275.362
Yxy	41.9573, 0.2634, 0.2721
Android (android.graphics.Color)	4288196313 (0xFF98AED9)
YUV	172.3240, 22.0253, -17.8241
Hunter-Lab	64.7744, -1.4474, -20.1991

Details

The Decimal color **10006233** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14271384**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **13624831**, and **6519458** is the 20% darker color. If you saturate the color by 10%, you get **8560857**, and if you desaturate by 10%, it is **11451609**.

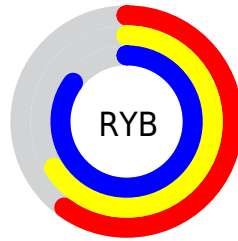
Distribution



Red (60%)

Green (68%)

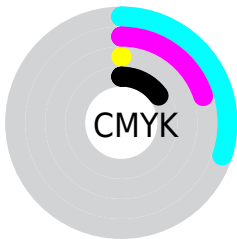
Blue (85%)



Red (60%)

Yellow (66%)

Blue (85%)

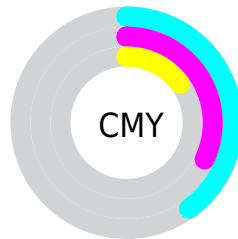


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (15%)



Cyan (40%)

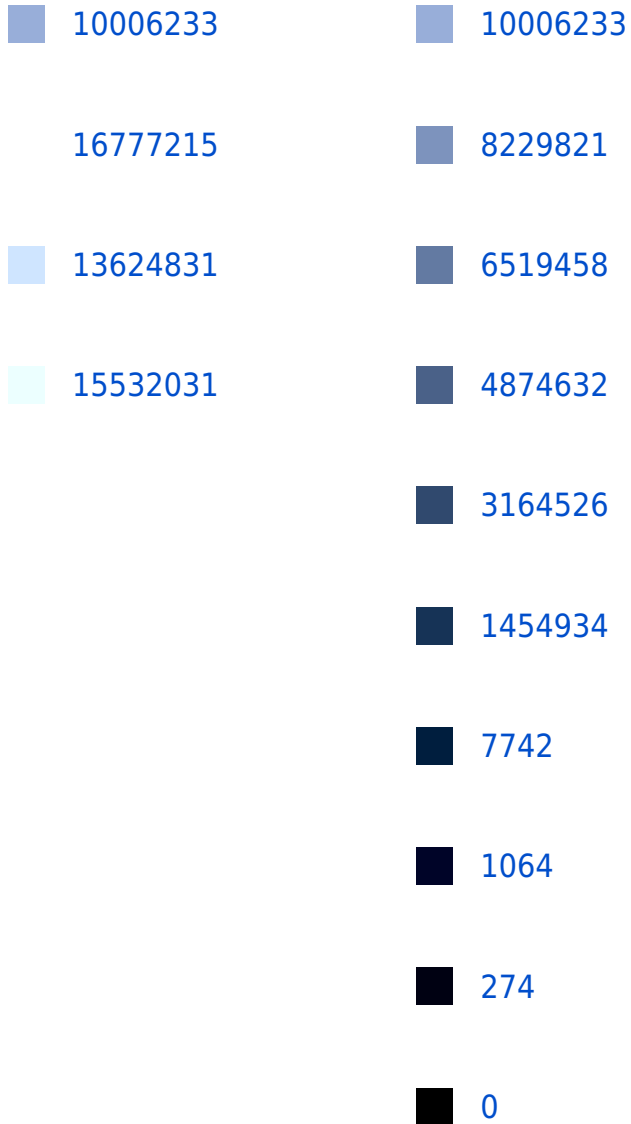
Magenta (32%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10006233 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 10006233 by changing the saturation by 10% instead.



■ 10006233

■ 10006233

■ 8560857

■ 11451609

■ 7180761

■ 12831705

■ 5735385

■ 14277081

■ 4290009

■ 15722457

■ 2844377

■ 16774873

■ 1464537

■ 16777177

■ 19161

■ 18905

Harmonies

Analogous

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



8173013



10006233



11970257

Triad

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



10006233



14262421



8960154

Complementary

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



10006233



14271384

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.



10597513



10006233



13543046

Square

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



10006233



14261674



12234113



7649969

Rectangle

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



10006233



13083335



12234113



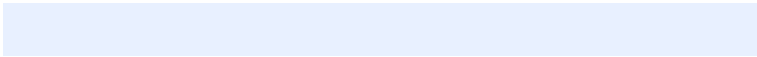
9484180

Sweetspot

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



10006233



15266047



10017218



7435904



0



8421504

Same Dimension

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



10006233



10732287



10655961



6514286



15277



4142

Inverse Universe

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



14260398



16753602



13621656



7234406



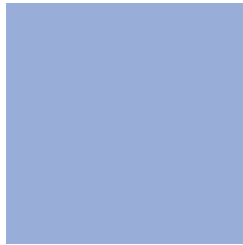
11337787



3014672

Previews

White Background



This preview shows how the Decimal color 10006233 looks on a white background.

Color Contrast Check

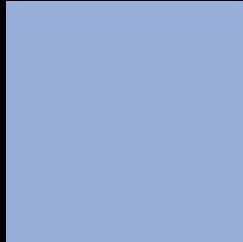
Large Text (above 18pt) WCAG AA × Fail

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 10006233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

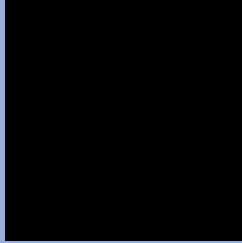
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

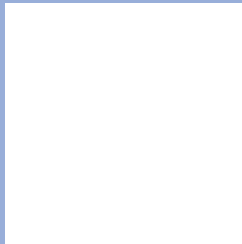
Any Text WCAG AAA ✓ Pass

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

Decimal 10006233 Background



This preview shows how black text looks on a background with the Decimal color 10006233.



This preview shows how white text looks on a background with the Decimal color 10006233.

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



Original Color
10006233

Protanopia
10726359

Deuteranopia
10988250



Tritanopia
9679553

Trichromacy



Original Color
10006233

Protanomaly
10464472

Deuteranomaly
10660826

Tritanomaly
9810378

Monochromacy



Original Color
10006233

Achromatopsia
11316396

Achromatomaly
10857916

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10006233 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 #98AED9 looks like.

```
.text, #text, p{  
    color:#98AED9  
}
```

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 #98AED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98AED9
}
```

Border

The CSS property to change the border of an element to Decimal 10006233 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
#98AED9 }
```

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

```
.border{ border-color:#98AED9 }
```

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

Here you see how a box with a 4 pixel #98AED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98AED9; -webkit-box-shadow:4px 4px  
4px 4px #98AED9; box-shadow:4px 4px 4px  
4px #98AED9 }
```

Background

The CSS property to change the background color of an element to Decimal 10006233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98AED9 }
```

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

```
.background{ background-color:#98AED9 }
```

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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