

Converting Colors

Decimal(10336480)

Have a look what the booklet for
Decimal(10336480) contains.

Decimal(10336480)	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(10336480)

Conversions

Conversions Part 1

Format	Color
Hex	9DB8E0
RGB	157, 184, 224
RGB Percent	62%, 72%, 88%
CMY	0.3843, 0.2784, 0.1216
CMYK	0.30, 0.18, 0.00, 0.12
HSL	216°, 52%, 75%
HSV	216°, 30%, 88%
XYZ	44.4997, 46.8309, 77.2149
YIQ	180.4870, -28.9320, 6.7160

Conversions

Conversions Part 2

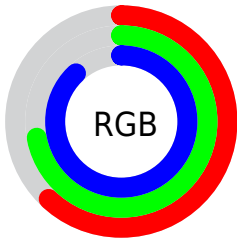
Format	Color
RYB	157, 176, 224
Decimal	10336480
CIELab	74.08, -0.03, -23.04
CIELCh	74, 23.039, 269.915
Yxy	46.8309, 0.2640, 0.2779
Android (android.graphics.Color)	4288526560 (0xFF9DB8E0)
YUV	180.4870, 21.4519, -20.5981
Hunter-Lab	68.4331, -3.6856, -18.9953

Details

The Decimal color **10336480** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **14730653**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **14020863**, and **6849449** is the 20% darker color. If you saturate the color by 10%, you get **8891360**, and if you desaturate by 10%, it is **11781600**.

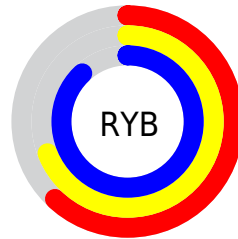
Distribution



Red (62%)

Green (72%)

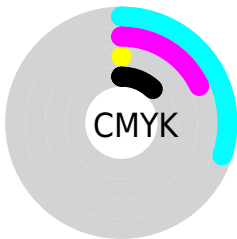
Blue (88%)



Red (62%)

Yellow (69%)

Blue (88%)

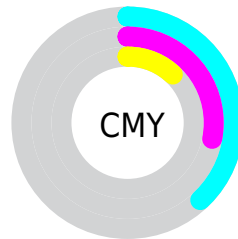


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (12%)



Cyan (38%)

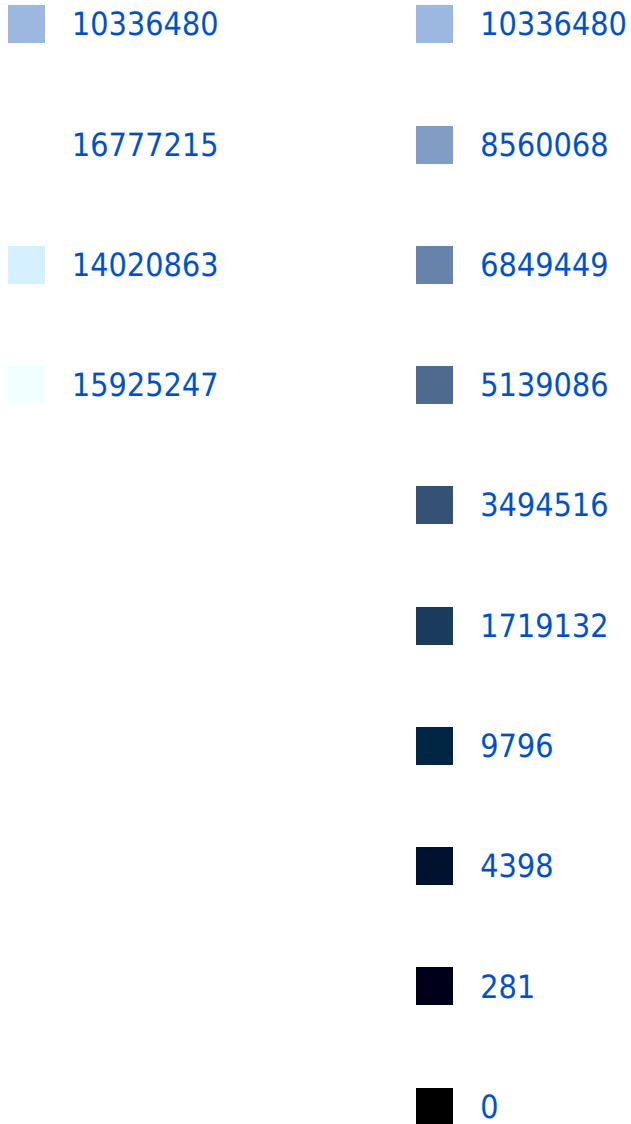
Magenta (28%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10336480 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 10336480 by changing the saturation by 10% instead.



■ 10336480

■ 10336480

■ 8891360

■ 11781600

■ 7380448

■ 13292512

■ 5935328

■ 14737632

■ 4424672

■ 16248288

■ 2979296

■ 16776160

■ 1534176

■ 16777184

■ 23264

Harmonies

Analogous

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



8699610



10336480



12235227

Triad

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



10336480



14788770



9945248

Complementary

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



10336480



14730653

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.



11516817



10336480



14200466

Square

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



10336480



14657463



13022604



8635061

Rectangle

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



10336480



13282514



13022604



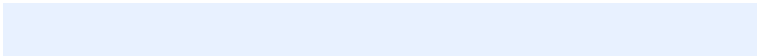
10469274

Sweetspot

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



10336480



15266303



10346692



7436160



0



8421504

Same Dimension

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



10336480



10733823



10722784



6646384



18352



5168

Inverse Universe

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



14720440



16753608



14344349



7365994



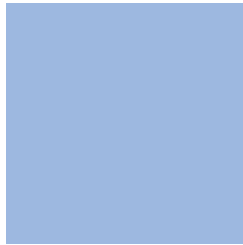
11534407



3145748

Previews

White Background



This preview shows how the Decimal color 10336480 looks on a white background.

Color Contrast Check

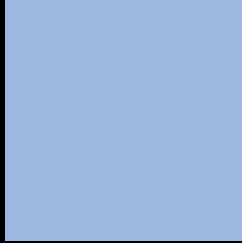
Large Text (above 18pt) WCAG AA × Fail

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 10336480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

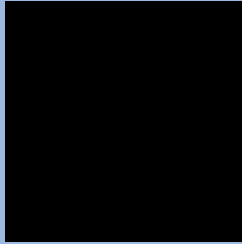
Any Text WCAG AA ✓ Pass

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 10336480 Background



This preview shows how black text looks on a background with the Decimal color 10336480.



This preview shows how white text looks on a background with the Decimal color 10336480.

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](#).

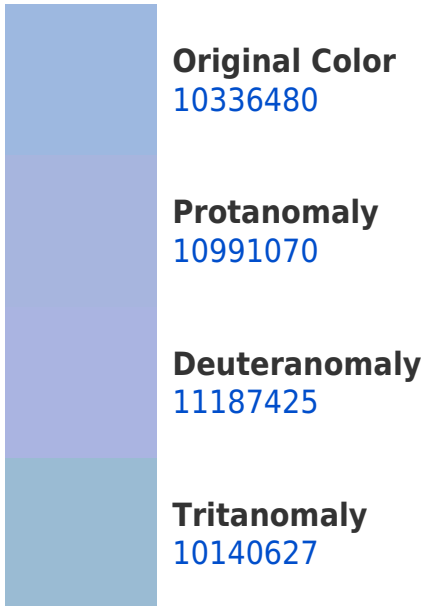
Dichromacy



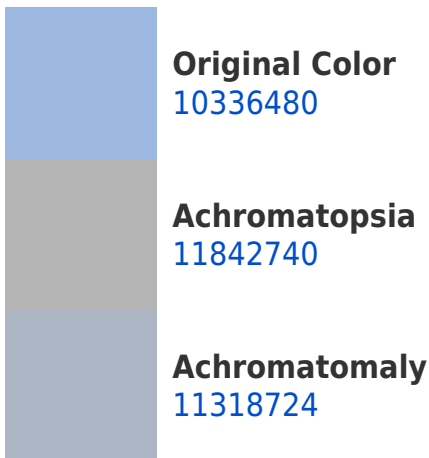


Tritanopia
10009803

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 10336480 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 #9DB8E0 looks like.

```
.text, #text, p{  
    color:#9DB8E0  
}
```

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 #9DB8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB8E0
}
```

Border

The CSS property to change the border of an element to Decimal 10336480 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
#9DB8E0 }
```

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

```
.border{ border-color:#9DB8E0 }
```

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

Here you see how a box with a 4 pixel #9DB8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB8E0; -webkit-box-shadow:4px 4px  
4px 4px #9DB8E0; box-shadow:4px 4px 4px  
4px #9DB8E0 }
```

Background

The CSS property to change the background color of an element to Decimal 10336480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB8E0 }
```

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

```
.background{ background-color:#9DB8E0 }
```

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