

Converting Colors

Decimal(10200553)

Have a look what the booklet for
Decimal(10200553) contains.

Decimal(10200553)	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(10200553)

Conversions

Conversions Part 1

Format	Color
Hex	9BA5E9
RGB	155, 165, 233
RGB Percent	61%, 65%, 91%
CMY	0.3922, 0.3529, 0.0863
CMYK	0.33, 0.29, 0.00, 0.09
HSL	232°, 64%, 76%
HSV	232°, 33%, 91%
XYZ	41.6807, 39.7620, 82.5688
YIQ	169.7620, -27.7880, 19.0280

Conversions

Conversions Part 2

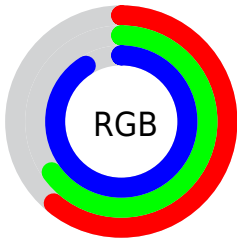
Format	Color
RYB	155, 164, 233
Decimal	10200553
CIELab	69.30, 12.20, -35.31
CIElCh	69, 37.361, 289.058
Yxy	39.7620, 0.2541, 0.2424
Android (android.graphics.Color)	4288390633 (0xFF9BA5E9)
YUV	169.7620, 31.1763, -12.9463
Hunter-Lab	63.0571, 7.6383, -33.4960

Details

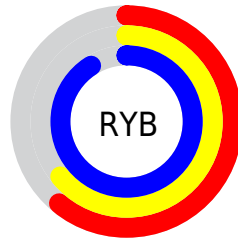
The Decimal color **10200553** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **15327131**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **13884671**, and **6648241** is the 20% darker color. If you saturate the color by 10%, you get **8688105**, and if you desaturate by 10%, it is **11713001**.

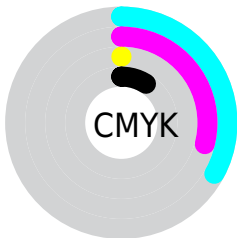
Distribution



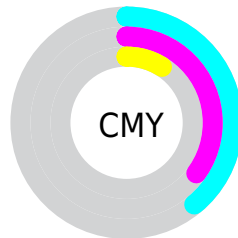
- Red (61%)
- Green (65%)
- Blue (91%)



- Red (61%)
- Yellow (64%)
- Blue (91%)



- Cyan (33%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)



- Cyan (39%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10200553 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 10200553 by changing the saturation by 10% instead.

■ 10200553

■ 10200553

16777215

■ 8424397

■ 13884671

■ 6648241

■ 15792383

■ 4938134

■ 3162748

■ 1125475

■ 6218

■ 52

■ 542

■ 0

■ 10200553

■ 10200553

■ 8688105

■ 11713001

■ 7109865

■ 13291241

■ 5597417

■ 14803689

■ 4084969

■ 16316137

■ 2572265

■ 16777193

■ 994281

■ 7913

Harmonies

Analogous

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



6467819



10200553



13146582

Triad

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



10200553



14849911



5749659

Complementary

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



10200553



15327131

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.



8631932



10200553



13345639

Square

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



10200553



15503509



11185768



2538430

Rectangle

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



10200553



14455490



11185768



6797712

Sweetspot

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



10200553



15133183



10217951



7369344



0



8421504

Same Dimension

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



10200553



10069759



12098537



6974325



6069



1846

Inverse Universe

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



15309733



16751014



13429147



7694955



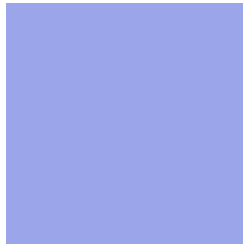
11862039



3538951

Previews

White Background



This preview shows how the Decimal color 10200553 looks on a white background.

Color Contrast Check

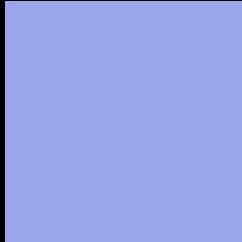
Large Text (above 18pt) WCAG AA × Fail

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 10200553 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 10200553 Background



This preview shows how black text looks on a background with the Decimal color 10200553.



This preview shows how white text looks on a background with the Decimal color 10200553.

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
10200553

Protanopia
9807850

Deuteranopia
9807849



Tritanopia
9547452

Trichromacy



Original Color
10200553

Protanomaly
9938666

Deuteranomaly
9938665

Tritanomaly
9808844

Monochromacy



Original Color
10200553

Achromatopsia
11184810

Achromatomaly
10856641

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10200553 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 #9BA5E9 looks like.

```
.text, #text, p{  
    color:#9BA5E9  
}
```

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 #9BA5E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BA5E9
}
```

Border

The CSS property to change the border of an element to Decimal 10200553 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
#9BA5E9 }
```

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

```
.border{ border-color:#9BA5E9 }
```

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

Here you see how a box with a 4 pixel #9BA5E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BA5E9; -webkit-box-shadow:4px 4px  
4px 4px #9BA5E9; box-shadow:4px 4px 4px  
4px #9BA5E9 }
```

Background

The CSS property to change the background color of an element to Decimal 10200553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BA5E9 }
```

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

```
.background{ background-color:#9BA5E9 }
```

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