

Converting Colors

Decimal(10394312)

Have a look what the booklet for
Decimal(10394312) contains.

Decimal(10394312)	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(10394312)

Conversions

Conversions Part 1

Format	Color
Hex	9E9AC8
RGB	158, 154, 200
RGB Percent	62%, 60%, 78%
CMY	0.3804, 0.3961, 0.2157
CMYK	0.21, 0.23, 0.00, 0.22
HSL	245°, 29%, 69%
HSV	245°, 23%, 78%
XYZ	36.0815, 34.5504, 59.4108
YIQ	160.4400, -12.3820, 15.1540

Conversions

Conversions Part 2

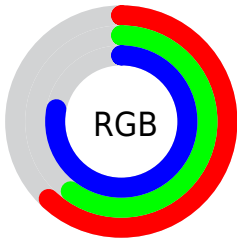
Format	Color
R_{YB}	158, 154, 200
Decimal	10394312
CIE _{Lab}	65.40, 11.19, -23.09
CIE _{LCh}	65, 25.657, 295.849
Yxy	34.5504, 0.2775, 0.2657
Android (android.graphics.Color)	4288584392 (0xFF9E9AC8)
YUV	160.4400, 19.5031, -2.1399
Hunter-Lab	58.7796, 6.7067, -18.7809

Details

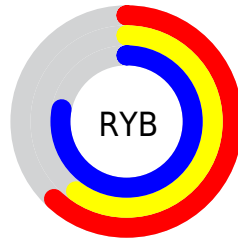
The Decimal color **10394312** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12896410**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **14012671**, and **6973330** is the 20% darker color. If you saturate the color by 10%, you get **9209544**, and if you desaturate by 10%, it is **11579080**.

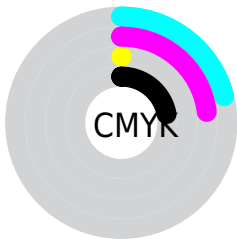
Distribution



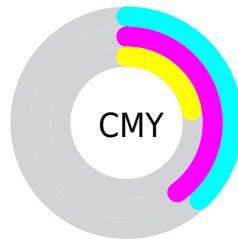
- Red (62%)
- Green (60%)
- Blue (78%)



- Red (62%)
- Yellow (60%)
- Blue (78%)



- Cyan (21%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10394312 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 10394312 by changing the saturation by 10% instead.

■ 10394312

■ 10394312

16777215

■ 8683693

■ 14012671

■ 6973330

■ 15920639

■ 5328760

■ 3749983

■ 2237255

■ 724529

■ 283

■ 0

■ 10394312

■ 10394312

■ 9209544

■ 11579080

■ 7959240

■ 12829384

■ 6774472

■ 14014152

■ 5589704

■ 15198920

■ 4404936

■ 16383688

■ 3154632

■ 16777160

■ 1969864

■ 1114312

Harmonies

Analogous

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



8233676



10394312



12161721

Triad

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



10394312



12883322



6794139

Complementary

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



10394312



12896410

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.



8432004



10394312



11705457

Square

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



10394312



13471628



10134389



5876658

Rectangle

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



10394312



13012907



10134389



7318419

Sweetspot

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



10394312



15724031



10142920



7763328



0



8421504

Same Dimension

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



10394312



12499199



11901640



5921379



917667



196644

Inverse Universe

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



13146820



16759033



11389082



6511203



10682517



2359329

Previews

White Background



This preview shows how the Decimal color 10394312 looks on a white background.

Color Contrast Check

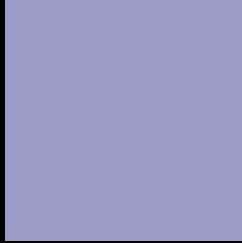
Large Text (above 18pt) WCAG AA × Fail

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 10394312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

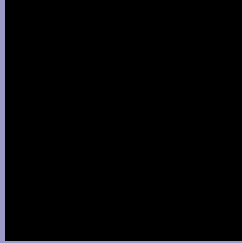
Any Text WCAG AA ✓ Pass

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 10394312 Background



This preview shows how black text looks on a background with the Decimal color 10394312.



This preview shows how white text looks on a background with the Decimal color 10394312.

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
10394312

Protanopia
9674186

Deuteranopia
10067144



Tritanopia
10067884

Trichromacy



Original Color
10394312

Protanomaly
9936073

Deuteranomaly
10197960

Tritanomaly
10198454

Monochromacy



Original Color
10394312

Achromatopsia
10526880

Achromatomaly
10460847

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10394312 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 #9E9AC8 looks like.

```
.text, #text, p{  
    color:#9E9AC8  
}
```

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 #9E9AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9AC8
}
```

Border

The CSS property to change the border of an element to Decimal 10394312 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
#9E9AC8 }
```

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

```
.border{ border-color:#9E9AC8 }
```

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

Here you see how a box with a 4 pixel #9E9AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9AC8; -webkit-box-shadow:4px 4px  
4px 4px #9E9AC8; box-shadow:4px 4px 4px  
4px #9E9AC8 }
```

Background

The CSS property to change the background color of an element to Decimal 10394312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9AC8 }
```

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

```
.background{ background-color:#9E9AC8 }
```

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