

Converting Colors

Decimal(10223823)

Have a look what the booklet for
Decimal(10223823) contains.

Decimal(10223823)	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(10223823)

Conversions

Conversions Part 1

Format	Color
Hex	9C00CF
RGB	156, 0, 207
RGB Percent	61%, 0%, 81%
CMY	0.3882, 1.0000, 0.1882
CMYK	0.25, 1.00, 0.00, 0.19
HSL	285°, 100%, 41%
HSV	285°, 100%, 81%
XYZ	24.9728, 11.5729, 59.9491
YIQ	70.2420, 26.5290, 97.4490

Conversions

Conversions Part 2

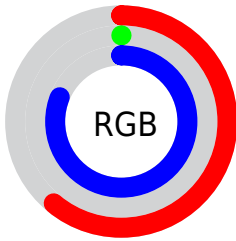
Format	Color
R_{YB}	156, 0, 207
Decimal	10223823
CIE _{Lab}	40.53, 76.58, -66.46
CIE _{LCh}	41, 101.398, 319.049
Yxy	11.5729, 0.2588, 0.1199
Android (android.graphics.Color)	4288413903 (0xFF9C00CF)
YUV	70.2420, 67.4217, 75.2098
Hunter-Lab	34.0190, 71.5007, -80.6690

Details

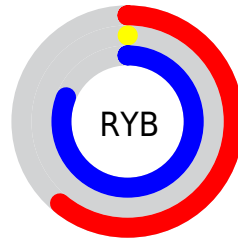
The Decimal color **10223823** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **3395328**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **14177535**, and **6357143** is the 20% darker color. If you saturate the color by 10%, you get **10223823**, and if you desaturate by 10%, it is **10556879**.

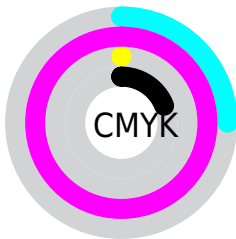
Distribution



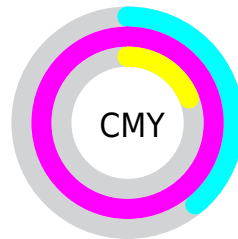
- Red (61%)
- Green (0%)
- Blue (81%)



- Red (61%)
- Yellow (0%)
- Blue (81%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (39%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10223823 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 10223823 by changing the saturation by 10% instead.

 10223823


 10223823

16777215

 8323251

 14177535

 6357143

 16151039

 4456573

 16748287

 2556003

 16755711

 74

 16763135

 1074

 16770815

 540

 0

 10223823

 10556879

 10889679

 11222735

 11555791

 11888847

 12287183

 12620239

 12953295

 13286095

Harmonies

Analogous

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



23295



10223823



14352514

Triad

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



10223823



9326848



32148

Complementary

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



10223823



3395328

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.



31549



10223823



4287232

Square

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



10223823



12910592



30464



32223

Rectangle

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



10223823



15007820



30464



32120

Sweetspot

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



10223823



15512575



13519



7623296



0



8421504

Same Dimension

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



10223823



12583167



13566107



6708841



8323240



2031657

Inverse Universe

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



13566003



16711743



53044



6905441



11010089



2686986

Previews

White Background



This preview shows how the Decimal color 10223823 looks on a white background.

Color Contrast Check

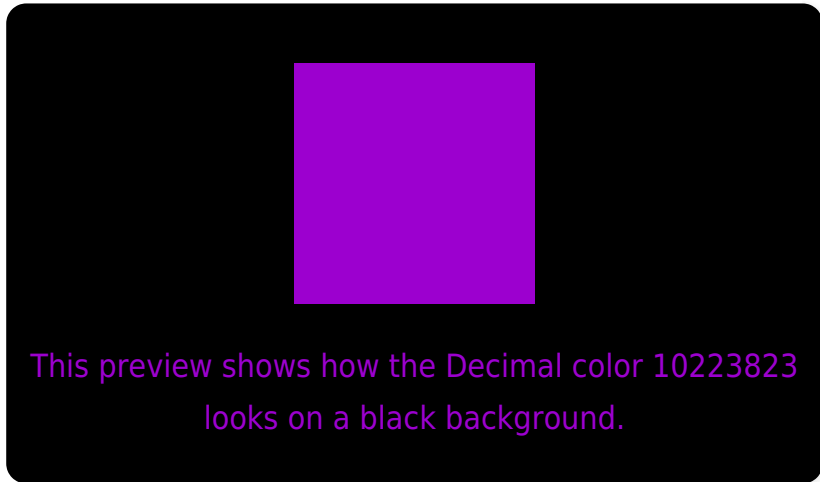
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

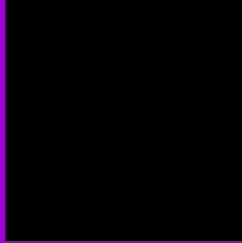
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 10223823 Background



This preview shows how black text looks on a background with the Decimal color 10223823.

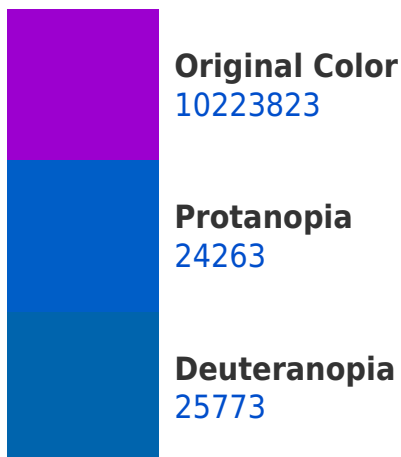



This preview shows how white text looks on a background with the Decimal color 10223823.

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
8999255

Trichromacy



Original Color
10223823



Protanomaly
3751114



Deuteranomaly
3752121



Tritanomaly
9450627

Monochromacy



Original Color
10223823



Achromatopsia
4605510



Achromatomaly
6630776

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10223823 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 #9C00CF looks like.

```
.text, #text, p{  
    color:#9C00CF  
}
```

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 #9C00CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C00CF
}
```

Border

The CSS property to change the border of an element to Decimal 10223823 is called "border". The border property can be set on classes, ids or directly on the HTML element.

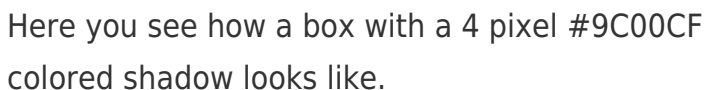
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C00CF }
```

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

```
.border{ border-color:#9C00CF }
```

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



Here you see how a box with a 4 pixel #9C00CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C00CF; -webkit-box-shadow:4px 4px  
4px 4px #9C00CF; box-shadow:4px 4px 4px  
4px #9C00CF }
```

Background

The CSS property to change the background color of an element to Decimal 10223823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C00CF }
```

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

```
.background{ background-color:#9C00CF }
```

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