

Converting Colors

Decimal(10031513)

Have a look what the booklet for
Decimal(10031513) contains.

Decimal(10031513)	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>	28

Color

Decimal(10031513)

Conversions

Conversions Part 1

Format	Color
Hex	991199
RGB	153, 17, 153
RGB Percent	60%, 7%, 60%
CMY	0.4000, 0.9333, 0.4000
CMYK	0.00, 0.89, 0.00, 0.40
HSL	300°, 80%, 33%
HSV	300°, 89%, 60%
XYZ	19.0871, 9.4731, 30.9595
YIQ	73.1680, 37.4000, 71.1280

Conversions

Conversions Part 2

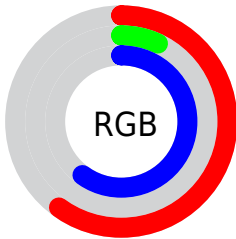
Format	Color
R_{YB}	153, 17, 153
Decimal	10031513
CIE _{Lab}	36.88, 64.87, -40.34
CIE _{LCh}	37, 76.391, 328.122
Yxy	9.4731, 0.3207, 0.1592
Android (android.graphics.Color)	4288221593 (0xFF991199)
YUV	73.1680, 39.3572, 70.0127
Hunter-Lab	30.7784, 56.8337, -38.0939

Details

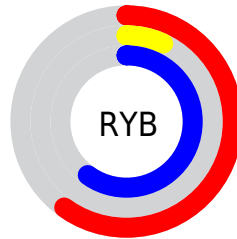
The Decimal color **10031513** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1153297**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **13850064**, and **6357093** is the 20% darker color. If you saturate the color by 10%, you get **10027673**, and if you desaturate by 10%, it is **10035353**.

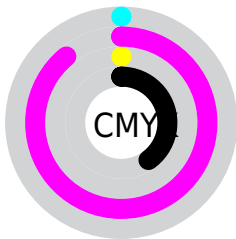
Distribution



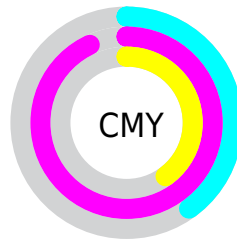
- Red (60%)
- Green (7%)
- Blue (60%)



- Red (60%)
- Yellow (7%)
- Blue (60%)



- Cyan (0%)
- Magenta (89%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (93%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10031513 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 10031513 by changing the saturation by 10% instead.

 10031513

 10031513

16777215

 8192127

 13850064

 6357093

 15757804

 4587597

 16748031

 2949173

 16755199

 65567

 16762623

 1

 16770303

 0

 10031513

 10031513

 10027673

 10035353

■ 10027161

■ 10039449

■ 10043289

■ 10047129

■ 10050969

■ 10055065

■ 10058905

■ 10062745

■ 10066841

Harmonies

Analogous

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



3557574



10031513



12189790

Triad

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



10031513



7230208



28560

Complementary

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



10031513



1153297

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.



28241



10031513



3105536

Square

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



10031513



10237184



27397



27840

Rectangle

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



10031513



12320821



27397



28540

Sweetspot

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



10031513



13078983



1118617



6505571



14935011



6513507

Same Dimension

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



10031513



13041863



10031445



5064013



9175180



851981

Inverse Universe

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



10031513



13041863



1153365



5064013



9175180



851981

Previews

White Background



This preview shows how the Decimal color 10031513 looks on a white background.

Color Contrast Check

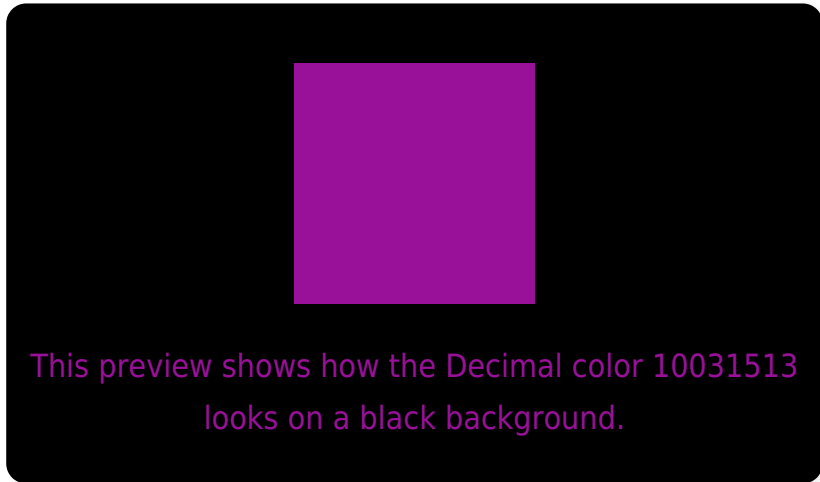
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

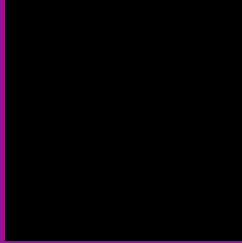
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 10031513 Background



This preview shows how black text looks on a background with the Decimal color 10031513.

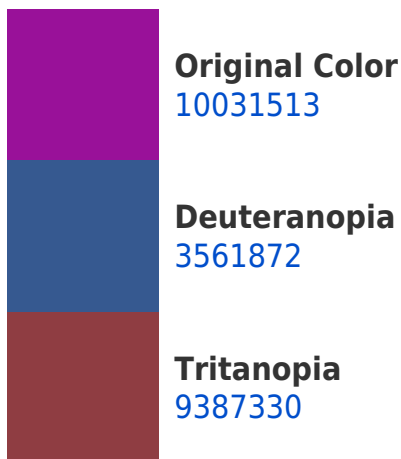


This preview shows how white text looks on a background with the Decimal color 10031513.

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



Trichromacy



Original Color
10031513

Deuteranomaly
5914515

Tritanomaly
9645410

Monochromacy



Original Color
10031513

Achromatopsia
4802889

Achromatomaly
6698342

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10031513 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 #991199 looks like.

```
.text, #text, p{  
    color:#991199  
}
```

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 #991199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #991199
}
```

Border

The CSS property to change the border of an element to Decimal 10031513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

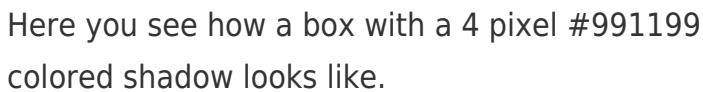
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#991199 }
```

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

```
.border{ border-color:#991199 }
```

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



Here you see how a box with a 4 pixel #991199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #991199; -webkit-box-shadow:4px 4px  
4px 4px #991199; box-shadow:4px 4px 4px  
4px #991199 }
```

Background

The CSS property to change the background color of an element to Decimal 10031513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#991199 }
```

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

```
.background{ background-color:#991199 }
```

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