

# Converting Colors

Decimal(10231976)

Have a look what the booklet for  
Decimal(10231976) contains.

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**Color**

**Decimal(10231976)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C20A8
RGB	156, 32, 168
RGB Percent	61%, 13%, 66%
CMY	0.3882, 0.8745, 0.3412
CMYK	0.07, 0.81, 0.00, 0.34
HSL	295°, 68%, 39%
HSV	295°, 81%, 66%
XYZ	21.2947, 10.9281, 38.0328
YIQ	84.5800, 30.2480, 68.5840

# Conversions

## Conversions Part 2

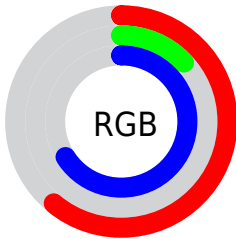
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 32, 168
Decimal	10231976
CIE <sub>Lab</sub>	39.46, 64.63, -45.23
CIE <sub>LCh</sub>	39, 78.887, 325.013
Yxy	10.9281, 0.3031, 0.1555
Android (android.graphics.Color)	4288422056 (0xFF9C20A8)
YUV	84.5800, 41.1261, 62.6353
Hunter-Lab	33.0577, 57.1331, -45.0726

# Details

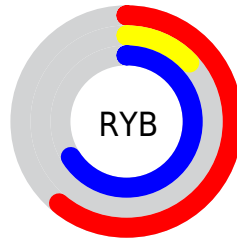
The Decimal color **10231976** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2926624**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **14048736**, and **6553715** is the 20% darker color. If you saturate the color by 10%, you get **10162088**, and if you desaturate by 10%, it is **10301864**.

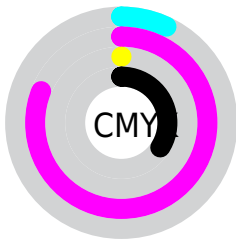
# Distribution



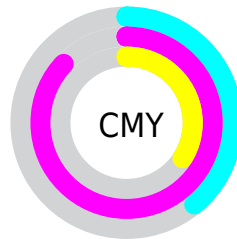
- Red (61%)
- Green (13%)
- Blue (66%)



- Red (61%)
- Yellow (13%)
- Blue (66%)



- Cyan (7%)
- Magenta (81%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (87%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10231976 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 10231976 by changing the saturation by 10% instead.



 10231976

 10231976

16777215

 8388749

 14048736

 6553715

 16022013

 4784218

 16750079

 3211330

 16757503

 852011

 16764927


 277

 16772351

 0

 10231976

 10231976

 10162088

 10301864

10027176

10437288

10506920

10642344

10712232

10847656

10917544

11052712

11122600

# Harmonies

## Analogous

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



2052564



10231976



12779627

# Triad

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



10231976



8083200



30354

# Complementary

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



10231976



2926624

# 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.



30032



10231976



4024576

# Square

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



10231976



11089152



28928



29895

# Rectangle

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



10231976



13107265



28928



30333



# Sweetspot

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



10231976



14133211



2109096



7032430



15592941



7237230



# Same Dimension

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



10231976



13174747



11018354



5459028



8847508



1245204



# Inverse Universe

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



11018284



14354201



2140246



5524556



9699341



1310722



# Previews

## White Background



This preview shows how the Decimal color 10231976 looks on a white background.

## Color Contrast Check

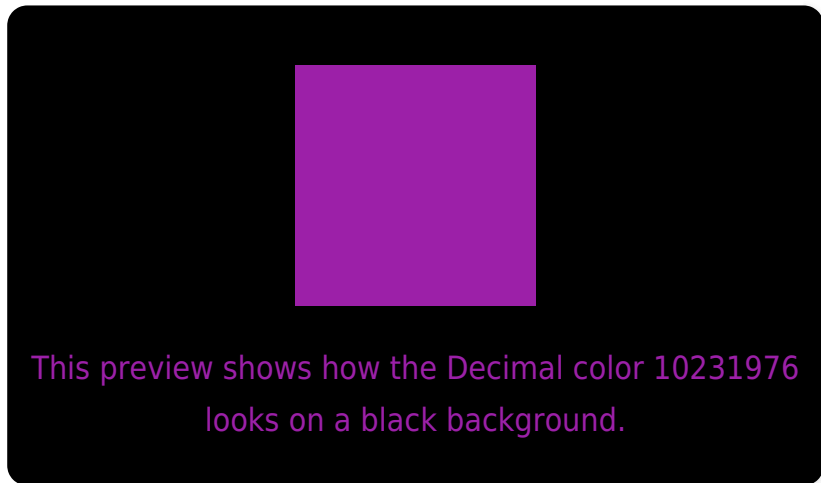
Large Text (above 18pt) WCAG AA ✓ Pass

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

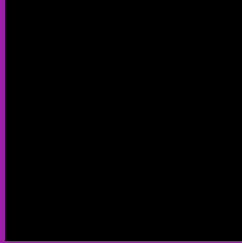
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10231976 Background



This preview shows how black text looks on a background with the Decimal color 10231976.

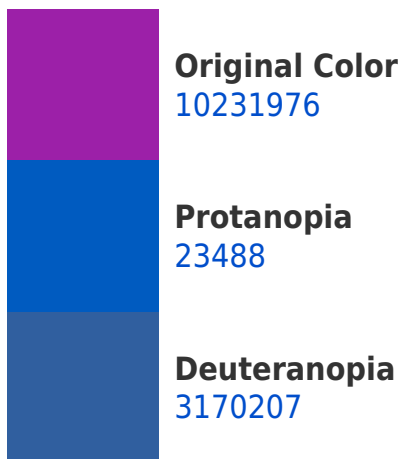


This preview shows how white text looks on a background with the Decimal color 10231976.

# 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**  
9520972

# Trichromacy



**Original Color**  
10231976



**Protanomaly**  
3753655



**Deuteranomaly**  
5720226



**Tritanomaly**  
9779565

# Monochromacy



**Original Color**  
10231976



**Achromatopsia**  
5592405



**Achromatomaly**  
7291507

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10231976 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 #9C20A8 looks like.

```
.text, #text, p{  
  color:#9C20A8  
}
```

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 #9C20A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C20A8
}
```

## Border

The CSS property to change the border of an element to Decimal 10231976 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
#9C20A8 }
```

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

```
.border{ border-color:#9C20A8 }
```

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

Here you see how a box with a 4 pixel #9C20A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C20A8; -webkit-box-shadow:4px 4px  
4px 4px #9C20A8; box-shadow:4px 4px 4px  
4px #9C20A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 10231976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C20A8 }
```

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

```
.background{ background-color:#9C20A8 }
```

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](#).



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