

# Converting Colors

Decimal(10186432)

Have a look what the booklet for  
Decimal(10186432) contains.

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# Color

**Decimal(10186432)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B6EC0
RGB	155, 110, 192
RGB Percent	61%, 43%, 75%
CMY	0.3922, 0.5686, 0.2471
CMYK	0.19, 0.43, 0.00, 0.25
HSL	273°, 39%, 59%
HSV	273°, 43%, 75%
XYZ	28.6079, 21.9262, 52.5935
YIQ	132.8030, 0.4980, 35.0420

# Conversions

## Conversions Part 2

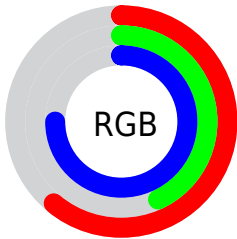
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 110, 192</a>
Decimal	<a href="#">10186432</a>
CIELab	<a href="#">53.95, 33.58, -36.32</a>
CIELCh	<a href="#">54, 49.467, 312.754</a>
Yxy	<a href="#">21.9262, 0.2774, 0.2126</a>
Android (android.graphics.Color)	<a href="#">4288376512 (0xFF9B6EC0)</a>
YUV	<a href="#">132.8030, 29.1841, 19.4668</a>
Hunter-Lab	<a href="#">46.8254, 27.1099, -33.8158</a>

# Details

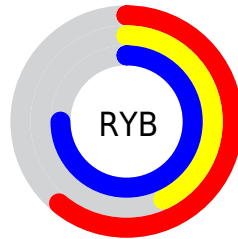
The Decimal color **10186432** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9683054**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **13869817**, and **6700426** is the 20% darker color. If you saturate the color by 10%, you get **9591744**, and if you desaturate by 10%, it is **10781120**.

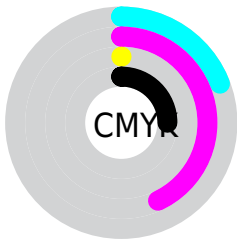
# Distribution



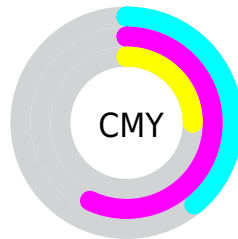
- Red (61%)
- Green (43%)
- Blue (75%)



- Red (61%)
- Yellow (43%)
- Blue (75%)



- Cyan (19%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (57%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10186432 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 10186432 by changing the saturation by 10% instead.



 10186432

 10186432

16777215

 8410533

 13869817

 6700426

 15777535

 4990576

 16767743

 3346007


 16774911

 1835072

 41

 275

 0

 10186432

 10186432

9591744

10781120

9062592

11310272

8467648

11905216

7872960

12499904

7343808

13029056

6881472

13623744

14218432

14745536

15335360

# Harmonies

## Analogous

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



5537748



10186432



12738203

# Triad

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



10186432



11302444



38546

# Complementary

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



10186432



9683054

# 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.



37990



10186432



8881447

# Square

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



10186432



13067593



5738303



38074

# Rectangle

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



10186432



13523583



5738303



38532



# Sweetspot

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



10186432



15456762



7247040



7629181



16579836



8224125



# Same Dimension

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



10186432



12614394



12611261



6117217



5767329



1179681



# Inverse Universe

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



12611219



16415412



7258225



6379356



10551368



2162703



# Previews

## White Background



This preview shows how the Decimal color 10186432 looks on a white background.

## Color Contrast Check

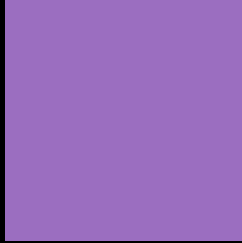
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 10186432 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 × Fail

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



## Decimal 10186432 Background



This preview shows how black text looks on a background with the Decimal color 10186432.

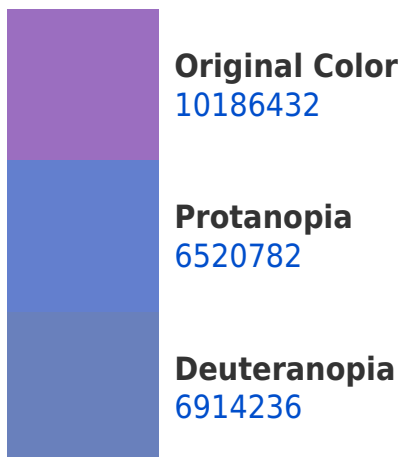



This preview shows how white text looks on a background with the Decimal color 10186432.

# 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**  
9534341

# Trichromacy



**Original Color**  
10186432

**Protanomaly**  
7829961

**Deuteranomaly**  
8092093

**Tritanomaly**  
9795226

# Monochromacy



**Original Color**  
10186432

**Achromatopsia**  
8750469

**Achromatomaly**  
9272730

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10186432 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 #9B6EC0 looks like.

```
.text, #text, p{  
  color:#9B6EC0  
}
```

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 #9B6EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6EC0
}
```

## Border

The CSS property to change the border of an element to Decimal 10186432 is called "border". The border property can be set on classes, ids or directly on the HTML element.

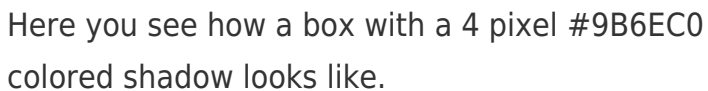
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B6EC0 }
```

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

```
.border{ border-color:#9B6EC0 }
```

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



Here you see how a box with a 4 pixel #9B6EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6EC0; -webkit-box-shadow:4px 4px  
4px 4px #9B6EC0; box-shadow:4px 4px 4px  
4px #9B6EC0 }
```

# Background

The CSS property to change the background color of an element to Decimal 10186432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6EC0 }
```

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

```
.background{ background-color:#9B6EC0 }
```

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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