

# Converting Colors

Decimal(10066362)

Have a look what the booklet for  
Decimal(10066362) contains.

<b>Decimal(10066362)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(10066362)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9999BA
RGB	153, 153, 186
RGB Percent	60%, 60%, 73%
CMY	0.4000, 0.4000, 0.2706
CMYK	0.18, 0.18, 0.00, 0.27
HSL	240°, 19%, 66%
HSV	240°, 18%, 73%
XYZ	33.3910, 33.0999, 51.0834
YIQ	156.7620, -10.5930, 10.2630

# Conversions

## Conversions Part 2

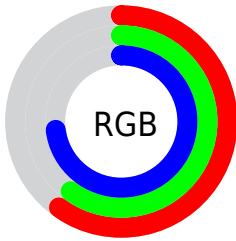
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 153, 186
Decimal	10066362
CIELab	64.24, 6.93, -17.06
CIELCh	64, 18.415, 292.122
Yxy	33.0999, 0.2840, 0.2815
Android (android.graphics.Color)	4288256442 (0xFF9999BA)
YUV	156.7620, 14.4143, -3.2993
Hunter-Lab	57.5325, 2.9168, -12.3711

# Details

The Decimal color **10066362** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12237465**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **13684722**, and **6710917** is the 20% darker color. If you saturate the color by 10%, you get **8816314**, and if you desaturate by 10%, it is **11316410**.

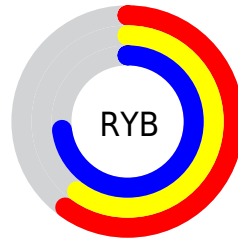
# Distribution



Red (60%)

Green (60%)

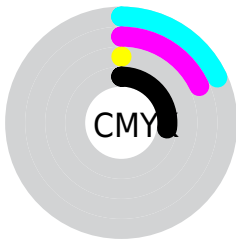
Blue (73%)



Red (60%)

Yellow (60%)

Blue (73%)

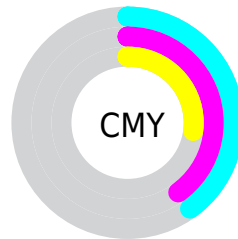


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (40%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10066362 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 10066362 by changing the saturation by 10% instead.



■ 10066362

■ 10066362

16777215

■ 8355743

■ 13684722

■ 6710917

■ 15526911

■ 5066348

■ 3553107

■ 2040380

■ 724006

■ 272

■ 0

■ 10066362

■ 10066362

■ 8816314

■ 11316410

■ 7632058

■ 12500666

■ 6382010

■ 13750714

■ 5197754

■ 14934970

■ 3947706

■ 16185018

■ 2697658

■ 16777146

■ 1513402

■ 263354

■ 186

# Harmonies

## Analogous

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



8626108



10066362



11375792

# Triad

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



10066362



12162178



7906711

# Complementary

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



10066362



12237465

# 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.



9020295



10066362



11377019

# Square

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



10066362



12489104



10198653



7316903

# Rectangle

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



10066362



12030374



10198653



8234129



# Sweetspot

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



10066362



15132402



10074810



7566202



16448250



8026746



# Same Dimension

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



10066362



12566514



11180474



5460828



156



28



# Inverse Universe

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



12229050



15908850



11188889



6050652



10223772

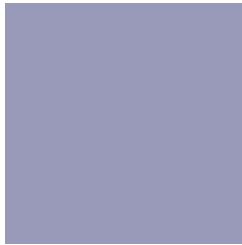


1835036



# Previews

## White Background



This preview shows how the Decimal color 10066362 looks on a white background.

## Color Contrast Check

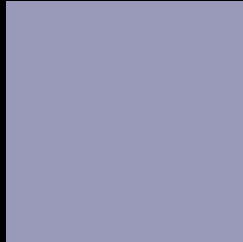
Large Text (above 18pt) WCAG AA × Fail

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 10066362 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

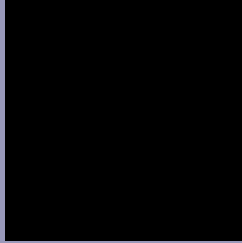
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10066362 Background



This preview shows how black text looks on a background with the Decimal color 10066362.



This preview shows how white text looks on a background with the Decimal color 10066362.

# 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**  
10066362

**Protanopia**  
9804475

**Deuteranopia**  
10262714



**Tritanopia**  
9870504

# Trichromacy



**Original Color**  
10066362

**Protanomaly**  
9870011

**Deuteranomaly**  
10197178

**Tritanomaly**  
9935791

# Monochromacy



**Original Color**  
10066362

**Achromatopsia**  
10329501

**Achromatomaly**  
10263720

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10066362 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 #9999BA looks like.

```
.text, #text, p{  
    color:#9999BA  
}
```

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 #9999BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9999BA
}
```

## Border

The CSS property to change the border of an element to Decimal 10066362 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
#9999BA }
```

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

```
.border{ border-color:#9999BA }
```

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

Here you see how a box with a 4 pixel #9999BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9999BA; -webkit-box-shadow:4px 4px  
4px 4px #9999BA; box-shadow:4px 4px 4px  
4px #9999BA }
```

# Background

The CSS property to change the background color of an element to Decimal 10066362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9999BA }
```

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

```
.background{ background-color:#9999BA }
```

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