

# Converting Colors

Decimal(10066227)

Have a look what the booklet for  
Decimal(10066227) contains.

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**Color**

**Decimal(10066227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	999933
RGB	153, 153, 51
RGB Percent	60%, 60%, 20%
CMY	0.4000, 0.4000, 0.8000
CMYK	0.00, 0.00, 0.67, 0.40
HSL	60°, 50%, 40%
HSV	60°, 67%, 60%
XYZ	25.1256, 29.7938, 7.5585
YIQ	141.3720, 32.7420, -31.7220

# Conversions

## Conversions Part 2

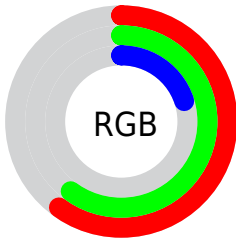
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 153, 51
Decimal	10066227
CIELab	61.48, -13.05, 51.38
CIELCh	61, 53.014, 104.254
Yxy	29.7938, 0.4022, 0.4769
Android (android.graphics.Color)	4288256307 (0xFF999933)
YUV	141.3720, -44.5534, 10.1978
Hunter-Lab	54.5837, -13.3554, 29.9984

# Details

The Decimal color **10066227** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3355545**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **13815655**, and **6514176** is the 20% darker color. If you saturate the color by 10%, you get **10066212**, and if you desaturate by 10%, it is **10066242**.

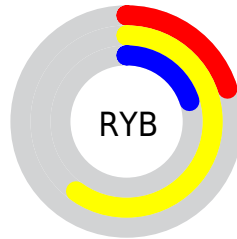
# Distribution



Red (60%)

Green (60%)

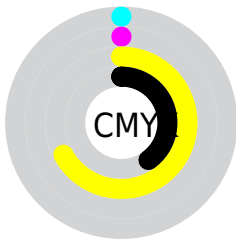
Blue (20%)



Red (20%)

Yellow (60%)

Blue (20%)

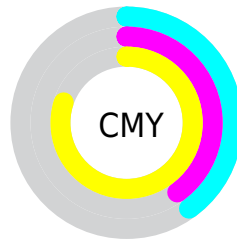


Cyan (0%)

Magenta (0%)

Yellow (67%)

Black (40%)



Cyan (40%)

Magenta (40%)




















Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10066227 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 10066227 by changing the saturation by 10% instead.



 10066227	 10066227
16777215	 8290071
 13815655	 6514176
 15723394	 4804096
 16777117	 3094528
 16777144	 1516032
 16777173	 2560
 16777202	 0
 10066227	 10066227
 10066212	 10066242

■ 10066196

■ 10066258

■ 10066181

■ 10066273

■ 10066176

■ 10066288

■ 10066304

■ 10066319

■ 10066334

■ 10066349

■ 10066365

# Harmonies

## Analogous

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



12814647



10066227



6595662

# Triad

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



10066227



43477



14577327

# Complementary

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



10066227



3355545

# 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.



11829208



10066227



41454

# Square

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



10066227



44202



6918895



15428480

# Rectangle

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



10066227



3123306



6918895



13857726



# Sweetspot

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



10066227



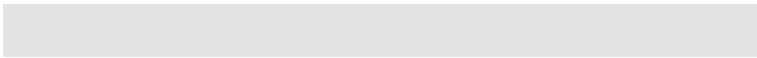
13092767



10040115



6513484



14935011



6513507



# Same Dimension

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



10066227



13092648



6723891



5066053



9210880



855296



# Inverse Universe

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



3355545



2631879



6697881



4539725



140



13



# Previews

## White Background



This preview shows how the Decimal color 10066227 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 10066227 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

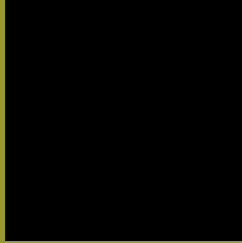
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10066227 Background



This preview shows how black text looks on a background with the Decimal color 10066227.



This preview shows how white text looks on a background with the Decimal color 10066227.

# 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**  
10066227

**Protanopia**  
10917170

**Deuteranopia**  
12160311



**Tritanopia**  
10653594

# Trichromacy



**Original Color**  
10066227

**Protanomaly**  
10589746

**Deuteranomaly**  
11374902

**Tritanomaly**  
10457973

# Monochromacy



**Original Color**  
10066227

**Achromatopsia**  
9276813

**Achromatomaly**  
9539948

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10066227 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 #999933 looks like.

```
.text, #text, p{  
  color:#999933  
}
```

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 #999933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999933
}
```

## Border

The CSS property to change the border of an element to Decimal 10066227 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
#999933 }
```

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

```
.border{ border-color:#999933 }
```

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

Here you see how a box with a 4 pixel #999933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999933; -webkit-box-shadow:4px 4px  
4px 4px #999933; box-shadow:4px 4px 4px  
4px #999933 }
```

# Background

The CSS property to change the background color of an element to Decimal 10066227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999933 }
```

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

```
.background{ background-color:#999933 }
```

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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