

# Converting Colors

Decimal(10383588)

Have a look what the booklet for  
Decimal(10383588) contains.

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**Color**

**Decimal(10383588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E70E4
RGB	158, 112, 228
RGB Percent	62%, 44%, 89%
CMY	0.3804, 0.5608, 0.1059
CMYK	0.31, 0.51, 0.00, 0.11
HSL	264°, 68%, 67%
HSV	264°, 51%, 89%
XYZ	33.8983, 24.4589, 76.3332
YIQ	138.9780, -9.8200, 45.8280

# Conversions

## Conversions Part 2

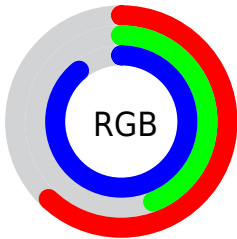
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 112, 228</a>
Decimal	<a href="#">10383588</a>
CIELab	<a href="#">56.54, 41.89, -52.59</a>
CIELCh	<a href="#">57, 67.238, 308.537</a>
Yxy	<a href="#">24.4589, 0.2517, 0.1816</a>
Android (android.graphics.Color)	<a href="#">4288573668</a> ( <a href="#">0xFF9E70E4</a> )
YUV	<a href="#">138.9780, 43.8878, 16.6823</a>
Hunter-Lab	<a href="#">49.4559, 35.8005, -56.8925</a>

# Details

The Decimal color **10383588** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **11986032**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **14132735**, and **6700716** is the 20% darker color. If you saturate the color by 10%, you get **9460196**, and if you desaturate by 10%, it is **11306980**.

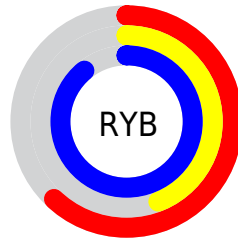
# Distribution



Red (62%)

Green (44%)

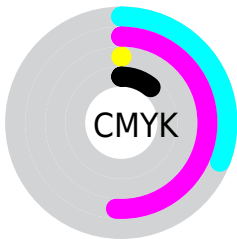
Blue (89%)



Red (62%)

Yellow (44%)

Blue (89%)

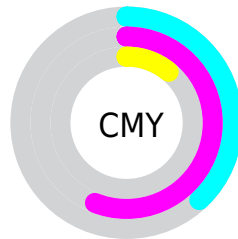


Cyan (31%)

Magenta (51%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (56%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10383588 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 10383588 by changing the saturation by 10% instead.



 10383588

 10383588

16777215

 8542152

 14132735

 6700716

 16105727

 4925073

 16768511

 3018103

 16775679

 720989

 69

 813

 280

 0

10383588

10383588

9460196

11306980

8536804

12230372

7679204

13087972

6755812

14011364

5898468

14934756

15858148

16711652

16777188

# Harmonies

## Analogous

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



35324



10383588



14308532

# Triad

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



10383588



12875013



41623

# Complementary

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



10383588



11986032

# 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.



41050



10383588



9669120

# Square

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



10383588



15030849



5478430



41423

# Rectangle

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



10383588



15485325



5478430



41603



# Sweetspot

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



10383588



15260159



7387364



7498112



0



8421504



# Same Dimension

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



10383588



10576895



14053604



7104371



4653235



1310771



# Inverse Universe

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



14971062



16737217



8316016



7563118



11731052

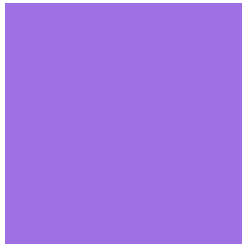


3342367



# Previews

## White Background



This preview shows how the Decimal color 10383588 looks on a white background.

## Color Contrast Check

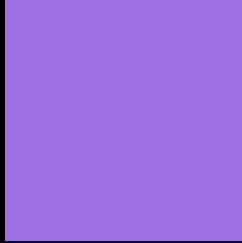
Large Text (above 18pt) WCAG AA ✓ Pass

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 10383588 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 10383588 Background



This preview shows how black text looks on a background with the Decimal color 10383588.



This preview shows how white text looks on a background with the Decimal color 10383588.

# 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**  
9340303

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10383588 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 #9E70E4 looks like.

```
.text, #text, p{  
    color:#9E70E4  
}
```

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 #9E70E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E70E4
}
```

## Border

The CSS property to change the border of an element to Decimal 10383588 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
#9E70E4 }
```

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

```
.border{ border-color:#9E70E4 }
```

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

Here you see how a box with a 4 pixel #9E70E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E70E4; -webkit-box-shadow:4px 4px  
4px 4px #9E70E4; box-shadow:4px 4px 4px  
4px #9E70E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 10383588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E70E4 }
```

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

```
.background{ background-color:#9E70E4 }
```

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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