

Converting Colors

Decimal(10317021)

Have a look what the booklet for
Decimal(10317021) contains.

Decimal(10317021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(10317021)

Conversions

Conversions Part 1

Format	Color
Hex	9D6CDD
RGB	157, 108, 221
RGB Percent	62%, 42%, 87%
CMY	0.3843, 0.5765, 0.1333
CMYK	0.29, 0.51, 0.00, 0.13
HSL	266°, 62%, 65%
HSV	266°, 51%, 87%
XYZ	32.3183, 23.1137, 71.1646
YIQ	135.5330, -7.0690, 45.5310

Conversions

Conversions Part 2

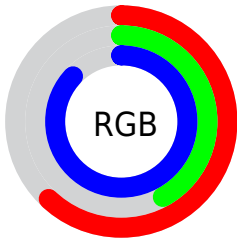
Format	Color
R_{YB}	157, 108, 221
Decimal	10317021
CIE _{Lab}	55.19, 42.13, -50.83
CIE _{LCh}	55, 66.020, 309.659
Yxy	23.1137, 0.2553, 0.1826
Android (android.graphics.Color)	4288507101 (0xFF9D6CDD)
YUV	135.5330, 42.1352, 18.8266
Hunter-Lab	48.0767, 35.8579, -54.1093

Details

The Decimal color **10317021** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **11328876**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **14066175**, and **6699685** is the 20% darker color. If you saturate the color by 10%, you get **9459421**, and if you desaturate by 10%, it is **11174621**.

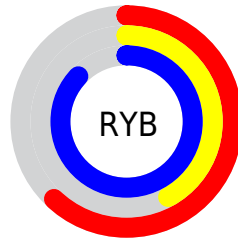
Distribution



Red (62%)

Green (42%)

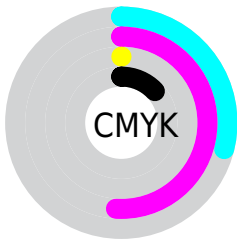
Blue (87%)



Red (62%)

Yellow (42%)

Blue (87%)

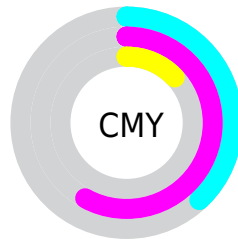


Cyan (29%)

Magenta (51%)

Yellow (0%)

Black (13%)



Cyan (38%)

















Magenta (58%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10317021 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 10317021 by changing the saturation by 10% instead.

 10317021	 10317021
 16777215	 8475585
 14066175	 6699685
 15973631	 4924042
 16767231	 3082352
 16774655	 917591
	 63
	 808
	 274
	 0

 10317021

 10317021

 9459421

 11174621

 8667357

 11966685

 7809757

 12824285

 7017693

 13616349

 6291677

 14474205

 15266269

 16121821

 16777181

Harmonies

Analogous

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



34294



10317021



14045613

Triad

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



10317021



12481281



40598

Complementary

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



10317021



11328876

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.



40026



10317021



9340672

Square

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



10317021



14637374



5149984



40396

Rectangle

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



10317021



15157127



5149984



40578

Sweetspot

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



10317021



15325695



7122141



7563648



0



8421504

Same Dimension

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



10317021



10970111



13987037



6775662



4915373



1310766

Inverse Universe

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



14511276



16737212



7658860



7234409



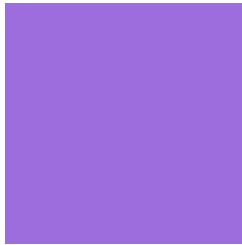
11337826



3014682

Previews

White Background



This preview shows how the Decimal color 10317021 looks on a white background.

Color Contrast Check

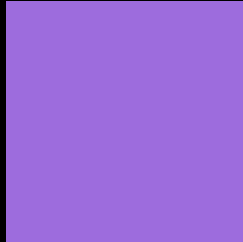
Large Text (above 18pt) WCAG AA ✓ Pass

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 10317021 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 10317021 Background



This preview shows how black text looks on a background with the Decimal color 10317021.



This preview shows how white text looks on a background with the Decimal color 10317021.

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
9273482

Trichromacy



Original Color
10317021



Protanomaly
6912490



Deuteranomaly
7109850



Tritanomaly
9664936

Monochromacy



Original Color
10317021



Achromatopsia
8947848



Achromatomaly
9469607

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10317021 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 #9D6CDD looks like.

```
.text, #text, p{  
    color:#9D6CDD  
}
```

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 #9D6CDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D6CDD
}
```

Border

The CSS property to change the border of an element to Decimal 10317021 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
#9D6CDD }
```

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

```
.border{ border-color:#9D6CDD }
```

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

Here you see how a box with a 4 pixel #9D6CDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D6CDD; -webkit-box-shadow:4px 4px  
4px 4px #9D6CDD; box-shadow:4px 4px 4px  
4px #9D6CDD }
```

Background

The CSS property to change the background color of an element to Decimal 10317021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D6CDD }
```

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

```
.background{ background-color:#9D6CDD }
```

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