

Converting Colors

Decimal(10312417)

Have a look what the booklet for
Decimal(10312417) contains.

Decimal(10312417)	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(10312417)

Conversions

Conversions Part 1

Format	Color
Hex	9D5AE1
RGB	157, 90, 225
RGB Percent	62%, 35%, 88%
CMY	0.3843, 0.6471, 0.1176
CMYK	0.30, 0.60, 0.00, 0.12
HSL	270°, 69%, 62%
HSV	270°, 60%, 88%
XYZ	31.1514, 19.9167, 73.4366
YIQ	125.4230, -3.4030, 56.1890

Conversions

Conversions Part 2

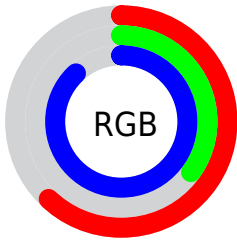
Format	Color
R _{YB}	157, 90, 225
Decimal	10312417
CIE Lab	51.74, 52.74, -58.60
CIE LCh	52, 78.834, 311.988
Yxy	19.9167, 0.2502, 0.1600
Android (android.graphics.Color)	4288502497 (0xFF9D5AE1)
YUV	125.4230, 49.0915, 27.6930
Hunter-Lab	44.6281, 46.4978, -66.3235

Details

The Decimal color **10312417** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **10412378**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **14127103**, and **6563497** is the 20% darker color. If you saturate the color by 10%, you get **9585889**, and if you desaturate by 10%, it is **11039201**.

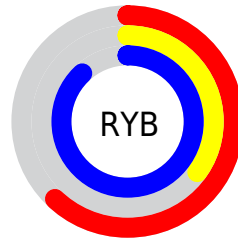
Distribution



Red (62%)

Green (35%)

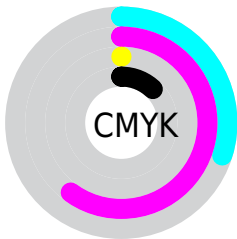
Blue (88%)



Red (62%)

Yellow (35%)

Blue (88%)

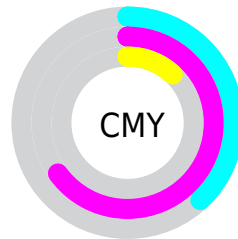


Cyan (30%)

Magenta (60%)

Yellow (0%)

Black (12%)



Cyan (38%)
















Magenta (65%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10312417 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 10312417 by changing the saturation by 10% instead.

 10312417	 10312417
16777215	 8470725
 14127103	 6563497
 16100095	 4720014
 16762623	 2752627
 16770047	 458842
	 66
	 810
	 277
	 0

10312417

10312417

9585889

11039201

8793569

11831265

8067041

12558049

7340257

13284577

14076897

14803425

15530209

16318433

16777185

Harmonies

Analogous

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



31743



10312417



14494887

Triad

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



10312417



11954432



39062

Complementary

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



10312417



10412378

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.



38223



10312417



8225024

Square

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



10312417



14631969



2395904



38869

Rectangle

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



10312417



15537018



2395904



39038

Sweetspot

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



10312417



15258111



5939425



7431040



0



8421504

Same Dimension

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



10312417



10700799



14637793



7038320



5701808



1572912

Inverse Universe

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



14768798



16730020



6087002



7365995



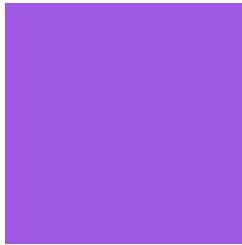
11534425



3145752

Previews

White Background



This preview shows how the Decimal color 10312417 looks on a white background.

Color Contrast Check

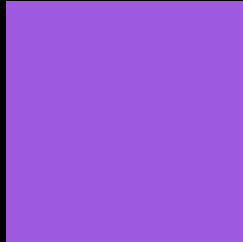
Large Text (above 18pt) WCAG AA ✓ Pass

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 10312417 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 10312417 Background



This preview shows how black text looks on a background with the Decimal color 10312417.




This preview shows how white text looks on a background with the Decimal color 10312417.

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
9139839

Trichromacy



Original Color
10312417



Protanomaly
3763443



Deuteranomaly
5468381



Tritanomaly
9596067

Monochromacy



Original Color
10312417



Achromatopsia
8224125



Achromatomaly
9007265

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10312417 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 #9D5AE1 looks like.

```
.text, #text, p{  
  color:#9D5AE1  
}
```

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 #9D5AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5AE1
}
```

Border

The CSS property to change the border of an element to Decimal 10312417 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
#9D5AE1 }
```

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

```
.border{ border-color:#9D5AE1 }
```

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

Here you see how a box with a 4 pixel #9D5AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5AE1; -webkit-box-shadow:4px 4px  
4px 4px #9D5AE1; box-shadow:4px 4px 4px  
4px #9D5AE1 }
```

Background

The CSS property to change the background color of an element to Decimal 10312417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5AE1 }
```

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

```
.background{ background-color:#9D5AE1 }
```

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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