

Converting Colors

Decimal(10586842)

Have a look what the booklet for
Decimal(10586842) contains.

Decimal(10586842)	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(10586842)

Conversions

Conversions Part 1

Format	Color
Hex	A18ADA
RGB	161, 138, 218
RGB Percent	63%, 54%, 85%
CMY	0.3686, 0.4588, 0.1451
CMYK	0.26, 0.37, 0.00, 0.15
HSL	257°, 52%, 70%
HSV	257°, 37%, 85%
XYZ	36.4413, 30.8160, 70.3571
YIQ	153.9970, -11.9720, 29.7560

Conversions

Conversions Part 2

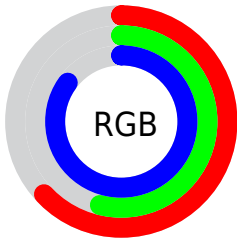
Format	Color
RYB	161, 138, 218
Decimal	10586842
CIELab	62.35, 25.51, -37.82
CIELCh	62, 45.618, 304.004
Yxy	30.8160, 0.2648, 0.2239
Android (android.graphics.Color)	4288776922 (0xFFA18ADA)
YUV	153.9970, 31.5535, 6.1416
Hunter-Lab	55.5121, 20.0312, -36.2867

Details

The Decimal color **10586842** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **12835466**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **14270719**, and **7035043** is the 20% darker color. If you saturate the color by 10%, you get **9532634**, and if you desaturate by 10%, it is **11641050**.

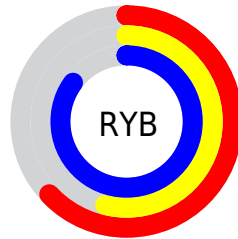
Distribution



Red (63%)

Green (54%)

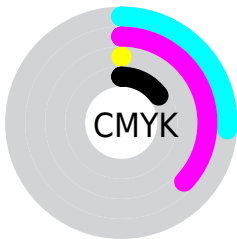
Blue (85%)



Red (63%)

Yellow (54%)

Blue (85%)

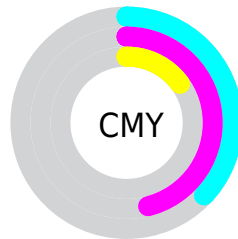


Cyan (26%)

Magenta (37%)

Yellow (0%)

Black (15%)



Cyan (37%)
















Magenta (46%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10586842 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 10586842 by changing the saturation by 10% instead.

 10586842	 10586842
 16777215	 8810686
 14270719	 7035043
 16178431	 5324936
 16775423	 3680878
	 1971542
	 327742
	 807
	 273
	 0

 10586842

 10586842

 9532634

 11641050

 8543962

 12629722

 7490010

 13683674

 6501338

 14672346

 5447130

 15726554

 4458458

 16711642

 4128986

 16777178

Harmonies

Analogous

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



5937639



10586842



13466555

Triad

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



10586842



13338702



43931

Complementary

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



10586842



12835466

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.



4827506



10586842



11179587

Square

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



10586842



14711404



8364625



43715

Rectangle

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



10586842



14513569



8364625



43917

Sweetspot

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



10586842



15459327



9094106



7630720



0



8421504

Same Dimension

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



10586842



11505663



13208282



6710126



3276973



852014

Inverse Universe

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



14322371



16748511



10214026



7234410



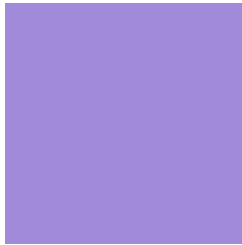
11337852



3014689

Previews

White Background



This preview shows how the Decimal color 10586842 looks on a white background.

Color Contrast Check

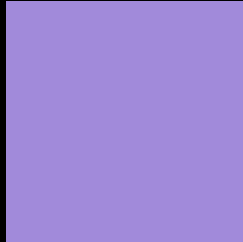
Large Text (above 18pt) WCAG AA × Fail

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 10586842 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 10586842 Background



This preview shows how black text looks on a background with the Decimal color 10586842.




This preview shows how white text looks on a background with the Decimal color 10586842.

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](#).

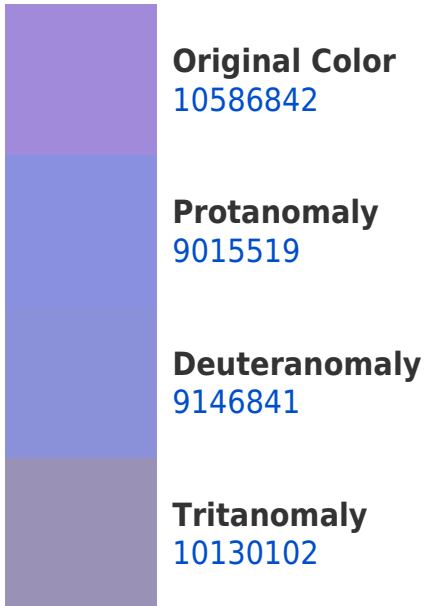
Dichromacy



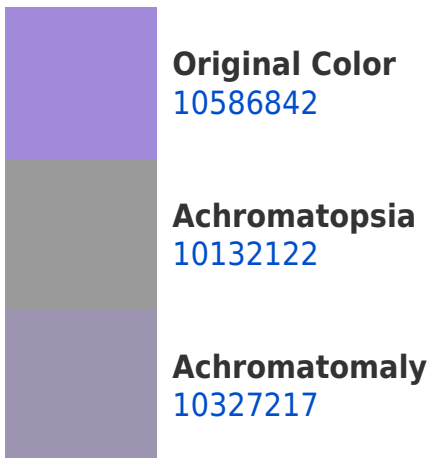


Tritanopia
9868961

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 10586842 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 #A18ADA looks like.

```
.text, #text, p{  
    color:#A18ADA  
}
```

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 #A18ADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A18ADA
}
```

Border

The CSS property to change the border of an element to Decimal 10586842 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
#A18ADA }
```

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

```
.border{ border-color:#A18ADA }
```

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

Here you see how a box with a 4 pixel #A18ADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A18ADA; -webkit-box-shadow:4px 4px  
4px 4px #A18ADA; box-shadow:4px 4px 4px  
4px #A18ADA }
```

Background

The CSS property to change the background color of an element to Decimal 10586842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A18ADA }
```

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

```
.background{ background-color:#A18ADA }
```

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