

Converting Colors

Decimal(10516706)

Have a look what the booklet for
Decimal(10516706) contains.

Decimal(10516706)	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(10516706)

Conversions

Conversions Part 1

Format	Color
Hex	A078E2
RGB	160, 120, 226
RGB Percent	63%, 47%, 89%
CMY	0.3725, 0.5294, 0.1137
CMYK	0.29, 0.47, 0.00, 0.11
HSL	263°, 65%, 68%
HSV	263°, 47%, 89%
XYZ	34.9411, 26.3975, 75.2051
YIQ	144.0440, -10.1860, 41.4460

Conversions

Conversions Part 2

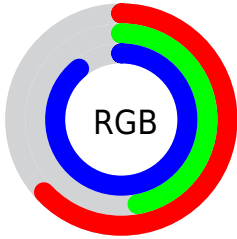
Format	Color
R_{YB}	160, 120, 226
Decimal	10516706
CIE _{Lab}	58.41, 37.44, -48.49
CIE _{LCh}	58, 61.263, 307.669
Yxy	26.3975, 0.2559, 0.1933
Android (android.graphics.Color)	4288706786 (0xFFA078E2)
YUV	144.0440, 40.4043, 13.9934
Hunter-Lab	51.3785, 31.4807, -50.8206

Details

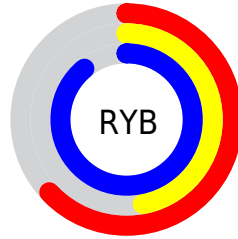
The Decimal color **10516706** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **12247672**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **14265855**, and **6899370** is the 20% darker color. If you saturate the color by 10%, you get **9593314**, and if you desaturate by 10%, it is **11440098**.

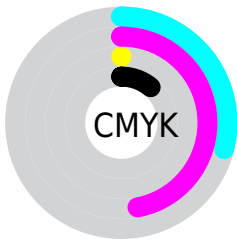
Distribution



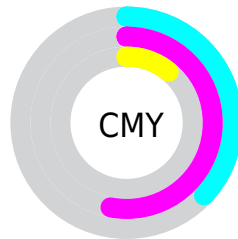
- Red (63%)
- Green (47%)
- Blue (89%)



- Red (63%)
- Yellow (47%)
- Blue (89%)



- Cyan (29%)
- Magenta (47%)
- Yellow (0%)
- Black (11%)



- Cyan (37%)
- Magenta (53%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10516706 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 10516706 by changing the saturation by 10% instead.

10516706

10516706

16777215

8675270

14265855

6899370

16173567

5123983

16770559

3348341

1311068

68

812

279

0

 10516706

 10516706

 9593314

 11440098

 8670178

 12363234

 7746786

 13286626

 6823650

 14209762

 5900258

 15133154

 5570786

 16056290

 16777186

Harmonies

Analogous

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



2002679



10516706



14115254

Triad

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



10516706



13073186



42649

Complementary

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



10516706



12247672

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.



41825



10516706



10194443

Square

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



10516706



15033422



6396975



42189

Rectangle

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



10516706



15292563



6396975



42374

Sweetspot

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



10516706



15326207



7912418



7498368



0



8421504

Same Dimension

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



10516706



10907903



13924578



6907248



4325552



1179696

Inverse Universe

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



14842042



16740553



8839800



7365996



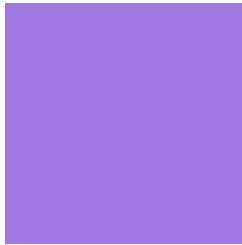
11534446



3145758

Previews

White Background



This preview shows how the Decimal color 10516706 looks on a white background.

Color Contrast Check

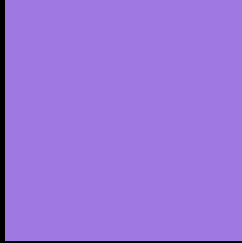
Large Text (above 18pt) WCAG AA ✓ Pass

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 10516706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

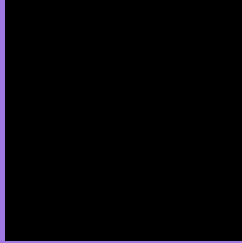
Any Text WCAG AA ✓ Pass

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 10516706 Background



This preview shows how black text looks on a background with the Decimal color 10516706.




This preview shows how white text looks on a background with the Decimal color 10516706.

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
9538197

Trichromacy



Original Color
10516706



Protanomaly
7767020



Deuteranomaly
7833055



Tritanomaly
9864113

Monochromacy



Original Color
10516706



Achromatopsia
9474192



Achromatomaly
9865134

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10516706 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 #A078E2 looks like.

```
.text, #text, p{  
    color:#A078E2  
}
```

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 #A078E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A078E2
}
```

Border

The CSS property to change the border of an element to Decimal 10516706 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
#A078E2 }
```

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

```
.border{ border-color:#A078E2 }
```

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

Here you see how a box with a 4 pixel #A078E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A078E2; -webkit-box-shadow:4px 4px  
4px 4px #A078E2; box-shadow:4px 4px 4px  
4px #A078E2 }
```

Background

The CSS property to change the background color of an element to Decimal 10516706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A078E2 }
```

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

```
.background{ background-color:#A078E2 }
```

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