

Converting Colors

Decimal(11501758)

Have a look what the booklet for
Decimal(11501758) contains.

Decimal(11501758)	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(11501758)

Conversions

Conversions Part 1

Format	Color
Hex	AF80BE
RGB	175, 128, 190
RGB Percent	69%, 50%, 75%
CMY	0.3137, 0.4980, 0.2549
CMYK	0.08, 0.33, 0.00, 0.25
HSL	285°, 32%, 62%
HSV	285°, 33%, 75%
XYZ	34.6926, 28.2700, 52.3434
YIQ	149.1210, 8.1100, 29.2460

Conversions

Conversions Part 2

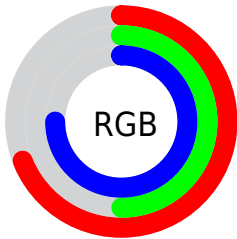
Format	Color
RYB	175, 128, 190
Decimal	11501758
CIELab	60.13, 29.18, -25.41
CIELCh	60, 38.691, 318.944
Yxy	28.2700, 0.3009, 0.2452
Android (android.graphics.Color)	4289691838 (0xFFAF80BE)
YUV	149.1210, 20.1533, 22.6959
Hunter-Lab	53.1695, 23.4229, -21.1500

Details

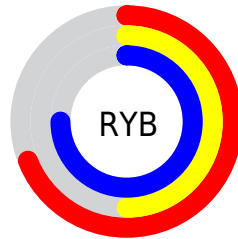
The Decimal color **11501758** is a light color, and the websafe version is hex **996699**. A complement of this color would be **9420416**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **15185398**, and **8015496** is the 20% darker color. If you saturate the color by 10%, you get **11169214**, and if you desaturate by 10%, it is **11834302**.

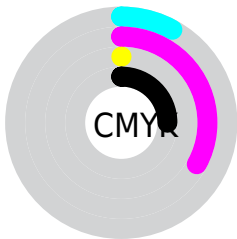
Distribution



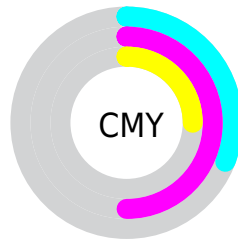
- Red (69%)
- Green (50%)
- Blue (75%)



- Red (69%)
- Yellow (50%)
- Blue (75%)



- Cyan (8%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11501758 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 11501758 by changing the saturation by 10% instead.

■ 11501758

■ 11501758

16777215

■ 9725859

■ 15185398

■ 8015496

■ 16765439

■ 6305391

■ 16772863

■ 4661078

■ 3082303

■ 1966121

■ 274

■ 0

■ 11501758

■ 11501758

11169214

11834302

10902206

12101310

10569662

12433854

10302654

12700862

9970110

13033406

9637566

13365950

9437374

13631422

13959102

14221246

Harmonies

Analogous

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



8490449



11501758



13268895

Triad

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



11501758



11635533



41894

Complementary

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



11501758



9420416

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.



3646083



11501758



9541199

Square

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



11501758



13205343



6987363



41155

Rectangle

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



11501758



13792648



6987363



41882

Sweetspot

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



11501758



15851511



8425662



7958141



16579836



8224125

Same Dimension

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



11501758



14718967



12484783



6051166



7864478



1507359

Inverse Universe

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



12484751



16226222



8437392



6182231



10354726



2031623

Previews

White Background



This preview shows how the Decimal color 11501758 looks on a white background.

Color Contrast Check

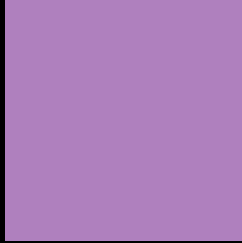
Large Text (above 18pt) WCAG AA ✓ Pass

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 11501758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

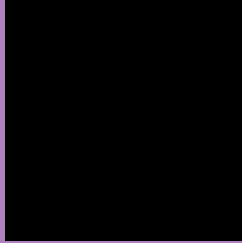
Any Text WCAG AA ✓ Pass

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 11501758 Background



This preview shows how black text looks on a background with the Decimal color 11501758.




This preview shows how white text looks on a background with the Decimal color 11501758.

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
11110803

Trichromacy



Original Color
11501758

Protanomaly
9538246

Deuteranomaly
9931452

Tritanomaly
11241123

Monochromacy



Original Color
11501758

Achromatopsia
9803157

Achromatomaly
10390948

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11501758 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 #AF80BE looks like.

```
.text, #text, p{  
  color:#AF80BE  
}
```

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 #AF80BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF80BE
}
```

Border

The CSS property to change the border of an element to Decimal 11501758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

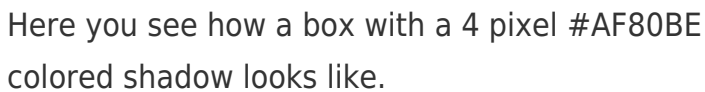
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF80BE }
```

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

```
.border{ border-color:#AF80BE }
```

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



Here you see how a box with a 4 pixel #AF80BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF80BE; -webkit-box-shadow:4px 4px  
4px 4px #AF80BE; box-shadow:4px 4px 4px  
4px #AF80BE }
```

Background

The CSS property to change the background color of an element to Decimal 11501758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF80BE }
```

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

```
.background{ background-color:#AF80BE }
```

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