

Converting Colors

Decimal(11176171)

Have a look what the booklet for
Decimal(11176171) contains.

Decimal(11176171)	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(11176171)

Conversions

Conversions Part 1

Format	Color
Hex	AA88EB
RGB	170, 136, 235
RGB Percent	67%, 53%, 92%
CMY	0.3333, 0.4667, 0.0784
CMYK	0.28, 0.42, 0.00, 0.08
HSL	261°, 71%, 73%
HSV	261°, 42%, 92%
XYZ	40.3771, 32.1525, 82.6752
YIQ	157.4520, -11.5150, 37.9970

Conversions

Conversions Part 2

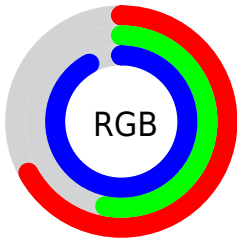
Format	Color
R _Y B	170, 136, 235
Decimal	11176171
CIE Lab	63.47, 33.33, -45.45
CIE LCh	63, 56.358, 306.257
Yxy	32.1525, 0.2602, 0.2072
Android (android.graphics.Color)	4289366251 (0xFFAA88EB)
YUV	157.4520, 38.2312, 11.0046
Hunter-Lab	56.7032, 27.8754, -46.7546

Details

The Decimal color **11176171** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13233032**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **14925567**, and **7558835** is the 20% darker color. If you saturate the color by 10%, you get **10186987**, and if you desaturate by 10%, it is **12165355**.

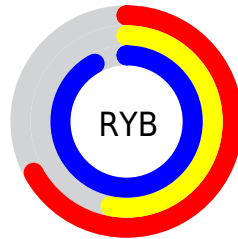
Distribution



Red (67%)

Green (53%)

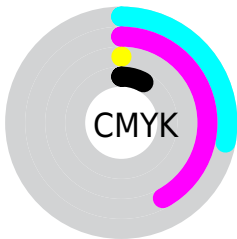
Blue (92%)



Red (67%)

Yellow (53%)

Blue (92%)

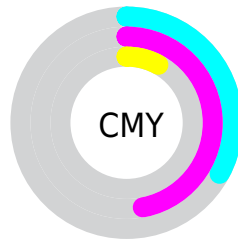


Cyan (28%)

Magenta (42%)

Yellow (0%)

Black (8%)



Cyan (33%)















Magenta (47%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11176171 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 11176171 by changing the saturation by 10% instead.

 11176171	 11176171
16777215	 9334479
 14925567	 7558835
 16767743	 5783192
 16774911	 4073341
	 2232676
	 65611
	 52
	 542
	 0

■ 11176171

■ 11176171

■ 10186987

■ 12165355

■ 9132523

■ 13219819

■ 8143595

■ 14208747

■ 7088875

■ 15263467

■ 6099947

■ 16252395

■ 5308651

■ 16777195

Harmonies

Analogous

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



4693246



11176171



14644419

Triad

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



11176171



13994044



45731

Complementary

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



11176171



13233032

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.



1814383



11176171



11246382

Square

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



11176171



15758689



7776324



45524

Rectangle

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



11176171



15822242



7776324



45714

Sweetspot

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



11176171



15326975



8964843



7498624



0



8421504

Same Dimension

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



11176171



11173375



14387435



7236213



4063413



1179702

Inverse Universe

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



15435977



16743890



10021768



7694961



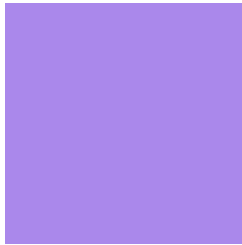
11862135



3538979

Previews

White Background



This preview shows how the Decimal color 11176171 looks on a white background.

Color Contrast Check

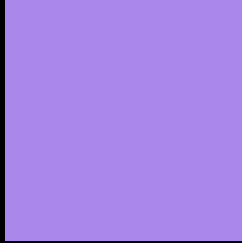
Large Text (above 18pt) WCAG AA × Fail

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 11176171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

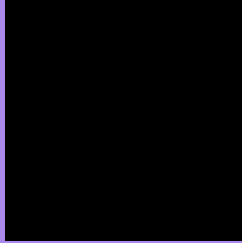
Any Text WCAG AA ✓ Pass

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 11176171 Background



This preview shows how black text looks on a background with the Decimal color 11176171.



This preview shows how white text looks on a background with the Decimal color 11176171.

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](#).

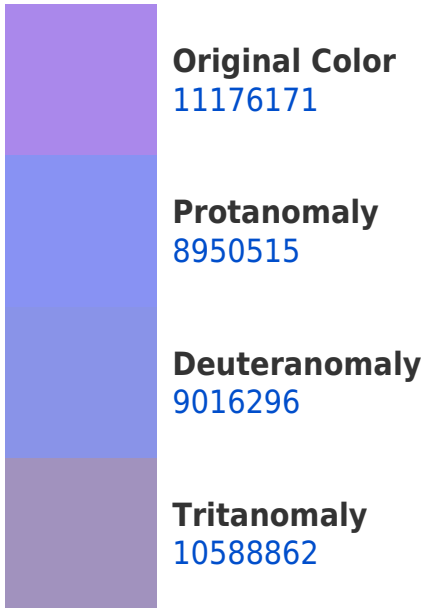
Dichromacy



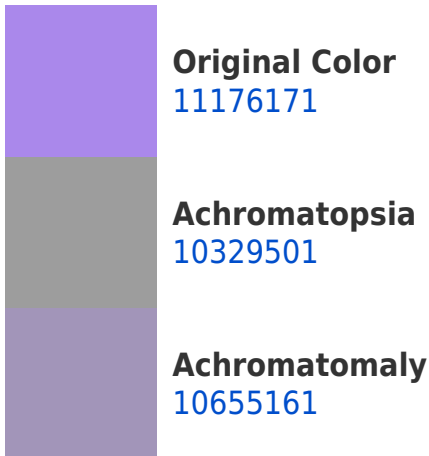


Tritanopia
10262692

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 11176171 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 #AA88EB looks like.

```
.text, #text, p{  
    color:#AA88EB  
}
```

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 #AA88EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA88EB
}
```

Border

The CSS property to change the border of an element to Decimal 11176171 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
#AA88EB }
```

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

```
.border{ border-color:#AA88EB }
```

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

Here you see how a box with a 4 pixel #AA88EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA88EB; -webkit-box-shadow:4px 4px  
4px 4px #AA88EB; box-shadow:4px 4px 4px  
4px #AA88EB }
```

Background

The CSS property to change the background color of an element to Decimal 11176171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA88EB }
```

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

```
.background{ background-color:#AA88EB }
```

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