

# Converting Colors

Decimal(11428033)

Have a look what the booklet for  
Decimal(11428033) contains.

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# **Color**

**Decimal(11428033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE60C1
RGB	174, 96, 193
RGB Percent	68%, 38%, 76%
CMY	0.3176, 0.6235, 0.2431
CMYK	0.10, 0.50, 0.00, 0.24
HSL	288°, 44%, 57%
HSV	288°, 50%, 76%
XYZ	31.2641, 21.2147, 52.8991
YIQ	130.3800, 15.3510, 46.7030

# Conversions

## Conversions Part 2

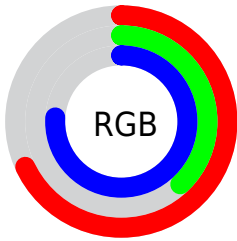
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 96, 193
Decimal	11428033
CIELab	53.18, 46.94, -37.94
CIELCh	53, 60.361, 321.051
Yxy	21.2147, 0.2967, 0.2013
Android (android.graphics.Color)	4289618113 (0xFFAE60C1)
YUV	130.3800, 30.8717, 38.2547
Hunter-Lab	46.0594, 40.5578, -35.8529

# Details

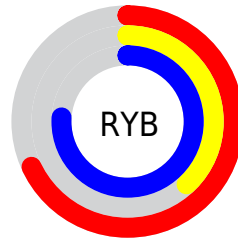
The Decimal color **11428033** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7586144**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **15177210**, and **7810187** is the 20% darker color. If you saturate the color by 10%, you get **11161025**, and if you desaturate by 10%, it is **11695041**.

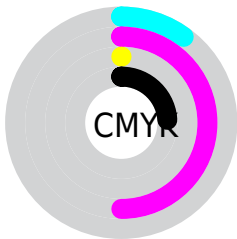
# Distribution



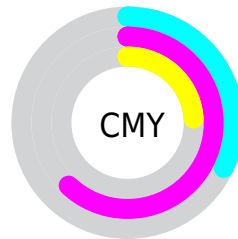
- Red (68%)
- Green (38%)
- Blue (76%)



- Red (68%)
- Yellow (38%)
- Blue (76%)



- Cyan (10%)
- Magenta (50%)
- Yellow (0%)
- Black (24%)



- Cyan (32%)
- Magenta (62%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11428033 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 11428033 by changing the saturation by 10% instead.




 11428033

 11428033

16777215

 9586342

 15177210

 7810187

 16757247

 6098801

 16764415

 4391000

 16771583


 2818112

 720937

 275

 0

 11428033

 11428033

11161025

11695041

10893761

11962305

10692289

12163777

10425281

12430785

10158273

12698049

12965057

13166529

13433537

13696961

# Harmonies

## Analogous

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



6191329



11428033



13913233

# Triad

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



11428033



10843904



38819

# Complementary

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



11428033



7586144

# 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.



38509



11428033



7702277

# Square

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



11428033



13197614



3117369



38095

# Rectangle

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



11428033



14436974



3117369



38801



# Sweetspot

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



11428033



15979770



6321089



7956093



16579836



8224125



# Same Dimension

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



11428033



14509306



12673188



6248289



8454305



1769505



# Inverse Universe

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



12673139



16409729



6340989



6379353



10551327



2162694



# Previews

## White Background



This preview shows how the Decimal color 11428033 looks on a white background.

## Color Contrast Check

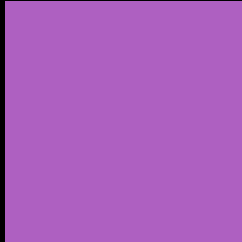
Large Text (above 18pt) WCAG AA ✓ Pass

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 11428033 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

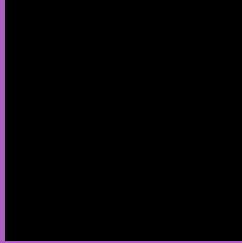
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11428033 Background



This preview shows how black text looks on a background with the Decimal color 11428033.



This preview shows how white text looks on a background with the Decimal color 11428033.

# 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**  
10776954

# Trichromacy



**Original Color**  
11428033



**Protanomaly**  
7828177



**Deuteranomaly**  
8418493



**Tritanomaly**  
11037588

# Monochromacy



**Original Color**  
11428033



**Achromatopsia**  
8553090



**Achromatomaly**  
9598617

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11428033 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 #AE60C1 looks like.

```
.text, #text, p{  
    color:#AE60C1  
}
```

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 #AE60C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE60C1
}
```

## Border

The CSS property to change the border of an element to Decimal 11428033 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
#AE60C1 }
```

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

```
.border{ border-color:#AE60C1 }
```

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

Here you see how a box with a 4 pixel #AE60C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE60C1; -webkit-box-shadow:4px 4px  
4px 4px #AE60C1; box-shadow:4px 4px 4px  
4px #AE60C1 }
```

# Background

The CSS property to change the background color of an element to Decimal 11428033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE60C1 }
```

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

```
.background{ background-color:#AE60C1 }
```

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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