

# Converting Colors

Decimal(11229043)

Have a look what the booklet for  
Decimal(11229043) contains.

<b>Decimal(11229043)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(11229043)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB5773
RGB	171, 87, 115
RGB Percent	67%, 34%, 45%
CMY	0.3294, 0.6588, 0.5490
CMYK	0.00, 0.49, 0.33, 0.33
HSL	340°, 33%, 51%
HSV	340°, 49%, 67%
XYZ	23.2973, 16.7121, 18.2175
YIQ	115.3080, 41.0760, 26.5160

# Conversions

## Conversions Part 2

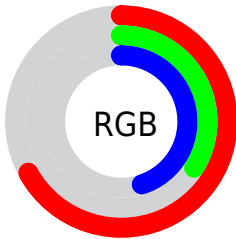
Format	Color
R <sub>Y</sub> B	171, 87, 115
Decimal	11229043
CIE Lab	47.90, 37.50, -0.04
CIE LCh	48, 37.504, 359.936
Yxy	16.7121, 0.4001, 0.2870
Android (android.graphics.Color)	4289419123 (0xFFAB5773)
YUV	115.3080, -0.1518, 48.8419
Hunter-Lab	40.8805, 30.1842, 2.1950

# Details

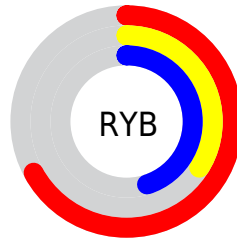
The Decimal color **11229043** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5745551**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **14977959**, and **7611715** is the 20% darker color. If you saturate the color by 10%, you get **11224680**, and if you desaturate by 10%, it is **11233406**.

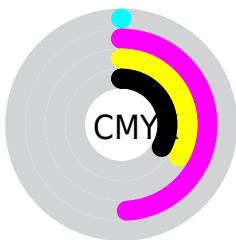
# Distribution



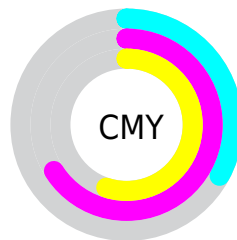
- Red (67%)
- Green (34%)
- Blue (45%)



- Red (67%)
- Yellow (34%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (33%)
- Black (33%)

















- Cyan (33%)
- Magenta (66%)
- Yellow (55%)







# Brightness & Saturation Gradients

These gradients show how the Decimal color 11229043 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 11229043 by changing the saturation by 10% instead.



 11229043	 11229043
 16777215	 9387611
 14977959	 7611715
 16754370	 5834797
 16761566	 4128793
 16768762	 2686977
 16776191	 0

 11229043	 11229043
 11224680	 11233406
 11220316	 11237770

■ 11215953

■ 11242133

■ 11211589

■ 11246497

■ 11206970

■ 11250860

■ 11206713

■ 11255479

■ 11259843

■ 11264206

■ 11268570

# Harmonies

## Analogous

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



10050962



11229043



11295316

# Triad

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



11229043



6584633



32168

# Complementary

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



11229043



5745551

# 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.



33168



11229043



3964753

# Square

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



11229043



8679472



33393



3700145

# Rectangle

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



11229043



10707266



33393



32673



# Sweetspot

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



11229043



14597576



9394091



7363683



15790320



7368816



# Same Dimension

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



11229043



14572423



11232599



5721681



9830450



1507336



# Inverse Universe

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



11229043



14572423



5741995



5721681



9830450

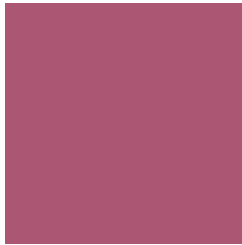


1507336



# Previews

## White Background



This preview shows how the Decimal color 11229043 looks on a white background.

## Color Contrast Check

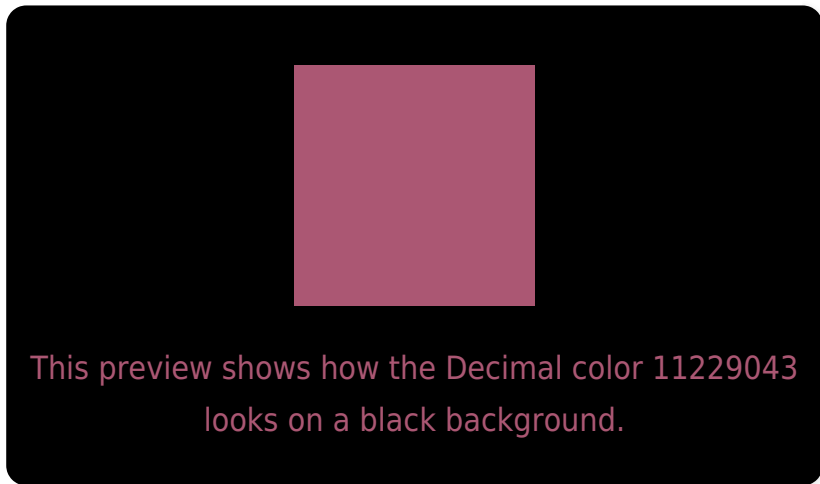
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 11229043 Background



This preview shows how black text looks on a background with the Decimal color 11229043.

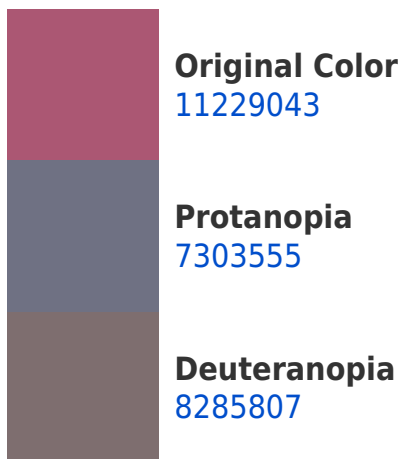


This preview shows how white text looks on a background with the Decimal color 11229043.

# 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**  
11098721

# Trichromacy



**Original Color**  
11229043

**Protanomaly**  
8743037

**Deuteranomaly**  
9332336

**Tritanomaly**  
11164008

# Monochromacy



**Original Color**  
11229043

**Achromatopsia**  
7566195

**Achromatomaly**  
8874355

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11229043 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 #AB5773 looks like.

```
.text, #text, p{  
  color:#AB5773  
}
```

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 #AB5773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5773
}
```

## Border

The CSS property to change the border of an element to Decimal 11229043 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
#AB5773 }
```

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

```
.border{ border-color:#AB5773 }
```

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

Here you see how a box with a 4 pixel #AB5773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5773; -webkit-box-shadow:4px 4px  
4px 4px #AB5773; box-shadow:4px 4px 4px  
4px #AB5773 }
```

# Background

The CSS property to change the background color of an element to Decimal 11229043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5773 }
```

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

```
.background{ background-color:#AB5773 }
```

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