

# Converting Colors

Decimal(11241891)

Have a look what the booklet for  
Decimal(11241891) contains.

<b>Decimal(11241891)</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(11241891)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB89A3
RGB	171, 137, 163
RGB Percent	67%, 54%, 64%
CMY	0.3294, 0.4627, 0.3608
CMYK	0.00, 0.20, 0.05, 0.33
HSL	314°, 17%, 60%
HSV	314°, 20%, 67%
XYZ	32.3511, 29.1936, 38.5802
YIQ	150.1300, 11.9180, 15.2940

# Conversions

## Conversions Part 2

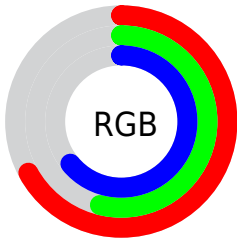
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 137, 163
Decimal	11241891
CIE <sub>Lab</sub>	60.95, 17.41, -8.85
CIE <sub>LCh</sub>	61, 19.532, 333.063
Yxy	29.1936, 0.3231, 0.2916
Android (android.graphics.Color)	4289431971 (0xFFAB89A3)
YUV	150.1300, 6.3449, 18.3030
Hunter-Lab	54.0311, 12.3224, -4.5135

# Details

The Decimal color **11241891** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9022353**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **14925786**, and **7755631** is the 20% darker color. If you saturate the color by 10%, you get **11237535**, and if you desaturate by 10%, it is **11246247**.

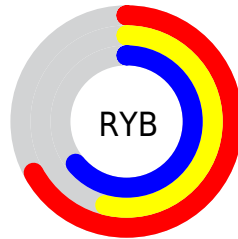
# Distribution



Red (67%)

Green (54%)

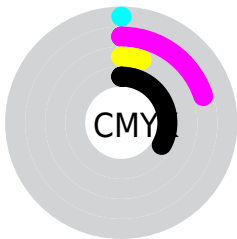
Blue (64%)



Red (67%)

Yellow (54%)

Blue (64%)

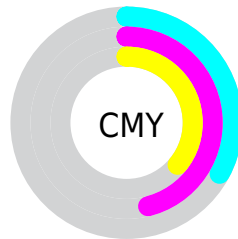


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (46%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11241891 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 11241891 by changing the saturation by 10% instead.



 11241891

 11241891

16777215

 9465737

 14925786

 7755631

 16767734

 6111063

 16775167

 4532544

 3085354

 1835030

 0

 11241891

 11241891

 11237535

 11246247

 11233179

 11250603

 11228823

 11254959

 11224467

 11259315

 11219855

 11263671

 11215499

 11268283

 11211143

 11272127

 11206787

 11272131

 11272135

# Harmonies

## Analogous

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



9998000



11241891



11896722

# Triad

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



11241891



10392177



6528165

# Complementary

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



11241891



9022353

# 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.



6856084



11241891



9148534

# Square

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



11241891



11373941



7904131



7117233

# Rectangle

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



11241891



12027782



7904131



6528416



# Sweetspot

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



11241891



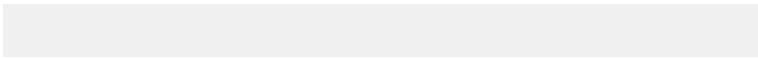
14602715



9537963



7366766



15790320



7368816



# Same Dimension

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



11241891



14592465



11241874



5721685



9830515



1507346



# Inverse Universe

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



11241891



14592465



9022370



5721685



9830515

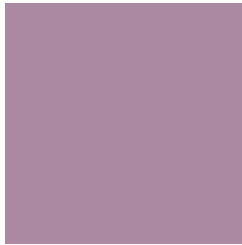


1507346



# Previews

## White Background



This preview shows how the Decimal color 11241891 looks on a white background.

## Color Contrast Check

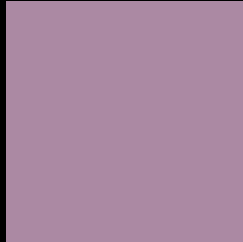
Large Text (above 18pt) WCAG AA ✓ Pass

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 11241891 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

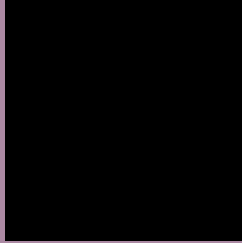
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11241891 Background



This preview shows how black text looks on a background with the Decimal color 11241891.



This preview shows how white text looks on a background with the Decimal color 11241891.

# 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**  
11111318

# Trichromacy



**Original Color**  
11241891

**Protanomaly**  
10063783

**Deuteranomaly**  
10587554

**Tritanomaly**  
11176603

# Monochromacy



**Original Color**  
11241891

**Achromatopsia**  
9868950

**Achromatomaly**  
10391963

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11241891 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 #AB89A3 looks like.

```
.text, #text, p{  
    color:#AB89A3  
}
```

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 #AB89A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB89A3  
}
```

## Border

The CSS property to change the border of an element to Decimal 11241891 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  
#AB89A3 }
```

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

```
.border{ border-color:#AB89A3 }
```

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

Here you see how a box with a 4 pixel #AB89A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB89A3; -webkit-box-shadow:4px 4px  
4px 4px #AB89A3; box-shadow:4px 4px 4px  
4px #AB89A3 }
```

# Background

The CSS property to change the background color of an element to Decimal 11241891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB89A3 }
```

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

```
.background{ background-color:#AB89A3 }
```

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