

# Converting Colors

Decimal(12223410)

Have a look what the booklet for  
Decimal(12223410) contains.

<b>Decimal(12223410)</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(12223410)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA83B2
RGB	186, 131, 178
RGB Percent	73%, 51%, 70%
CMY	0.2706, 0.4863, 0.3020
CMYK	0.00, 0.30, 0.04, 0.27
HSL	309°, 28%, 62%
HSV	309°, 30%, 73%
XYZ	36.4019, 29.8861, 45.9695
YIQ	152.8030, 17.6930, 26.2770

# Conversions

## Conversions Part 2

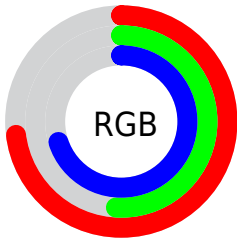
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 131, 178
Decimal	12223410
CIELab	61.56, 28.81, -16.32
CIELCh	62, 33.114, 330.471
Yxy	29.8861, 0.3243, 0.2662
Android (android.graphics.Color)	4290413490 (0xFFBA83B2)
YUV	152.8030, 12.4221, 29.1138
Hunter-Lab	54.6681, 23.1886, -11.5882

# Details

The Decimal color **12223410** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8632971**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **15972842**, and **8671613** is the 20% darker color. If you saturate the color by 10%, you get **12218543**, and if you desaturate by 10%, it is **12228277**.

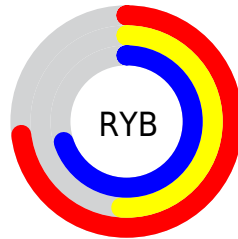
# Distribution



Red (73%)

Green (51%)

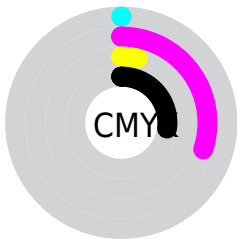
Blue (70%)



Red (73%)

Yellow (51%)

Blue (70%)

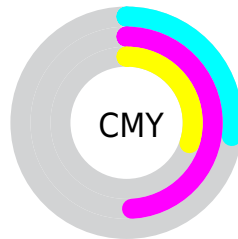


Cyan (0%)

Magenta (30%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (49%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12223410 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 12223410 by changing the saturation by 10% instead.



 12223410

 12223410

16777215

 10447255

 15972842

 8671613

 16766463

 6961508

 16773631

 5316940

 3738165

 2424864

 4

 0

 12223410

 12223410

 12218543

 12228277

 12213933

 12232887

 12209066

 12237754

 12204455

 12242365

 12199588

 12247232

 12194722

 12252098

 12190111

 12255173

 12189855

 12255176

 12255178

# Harmonies

## Analogous

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



10063303



12223410



13401749

# Triad

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



12223410



11047770



2073777

# Complementary

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



12223410



8632971

# 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.



4236436



12223410



9018465

# Square

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



12223410



12618082



6726263



3776455

# Rectangle

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



12223410



13533058



6726263



2532520



# Sweetspot

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



12223410



15916271



9077690



8023416



16448250



8026746



# Same Dimension

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



12223410



15900134



12223383



6050650



10223749



1835032



# Inverse Universe

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



12223410



15900134



8632998



6050650



10223749



1835032



# Previews

## White Background



This preview shows how the Decimal color 12223410 looks on a white background.

## Color Contrast Check

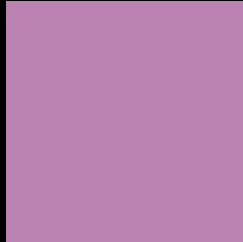
Large Text (above 18pt) WCAG AA ✓ Pass

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 12223410 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

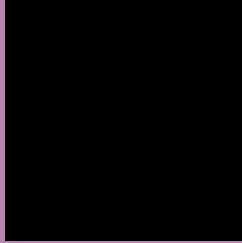
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12223410 Background



This preview shows how black text looks on a background with the Decimal color 12223410.



This preview shows how white text looks on a background with the Decimal color 12223410.

# 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



**Original Color**  
12223410

**Protanopia**  
9081789

**Deuteranopia**  
9933231



**Tritanopia**  
11962771

# Trichromacy



**Original Color**  
12223410

**Protanomaly**  
10194361

**Deuteranomaly**  
10783920

**Tritanomaly**  
12027806

# Monochromacy



**Original Color**  
12223410

**Achromatopsia**  
10066329

**Achromatomaly**  
10850722

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12223410 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 #BA83B2 looks like.

```
.text, #text, p{  
    color:#BA83B2  
}
```

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 #BA83B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA83B2
}
```

## Border

The CSS property to change the border of an element to Decimal 12223410 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
#BA83B2 }
```

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

```
.border{ border-color:#BA83B2 }
```

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

Here you see how a box with a 4 pixel #BA83B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA83B2; -webkit-box-shadow:4px 4px  
4px 4px #BA83B2; box-shadow:4px 4px 4px  
4px #BA83B2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12223410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA83B2 }
```

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

```
.background{ background-color:#BA83B2 }
```

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