

# Converting Colors

Decimal(12485795)

Have a look what the booklet for  
Decimal(12485795) contains.

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# **Color**

**Decimal(12485795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE84A3
RGB	190, 132, 163
RGB Percent	75%, 52%, 64%
CMY	0.2549, 0.4824, 0.3608
CMYK	0.00, 0.31, 0.14, 0.25
HSL	328°, 31%, 63%
HSV	328°, 31%, 75%
XYZ	36.0973, 30.0940, 38.5565
YIQ	152.8760, 24.6170, 21.9370

# Conversions

## Conversions Part 2

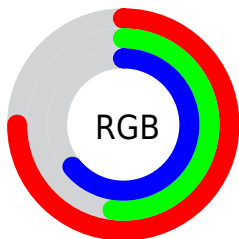
Format	Color
<a href="#">RYB</a>	<a href="#">190, 132, 163</a>
Decimal	<a href="#">12485795</a>
CIELab	<a href="#">61.74, 27.02, -7.47</a>
CIELCh	<a href="#">62, 28.037, 344.549</a>
Yxy	<a href="#">30.0940, 0.3446, 0.2873</a>
Android (android.graphics.Color)	<a href="#">4290675875 (0xFFBE84A3)</a>
YUV	<a href="#">152.8760, 4.9911, 32.5577</a>
Hunter-Lab	<a href="#">54.8580, 21.4539, -3.2709</a>

# Details

The Decimal color **12485795** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8699551**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16235226**, and **8933999** is the 20% darker color. If you saturate the color by 10%, you get **12480922**, and if you desaturate by 10%, it is **12490668**.

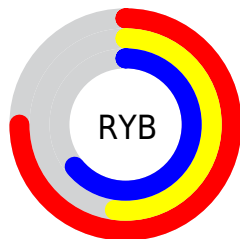
# Distribution



Red (75%)

Green (52%)

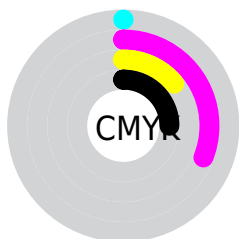
Blue (64%)



Red (75%)

Yellow (52%)

Blue (64%)

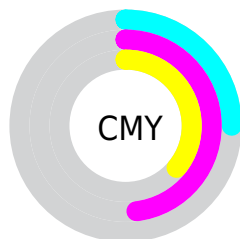


Cyan (0%)

Magenta (31%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12485795 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 12485795 by changing the saturation by 10% instead.



 12485795

 12485795

16777215

 10644105

 16235226

 8933999

 16766710

 7223895

 16773887

 5514048

 3935018

 2555926

 0

 12485795

 12485795

 12480922

 12490668

12476049

12495541

12471176

12500414

12466304

12505286

12461431

12510159

12456558

12515032

12451942

12517345

12517354

12517363

# Harmonies

## Analogous

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



11045817



12485795



13075338

# Triad

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



12485795



10131301



4628919

# Complementary

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



12485795



8699551

# 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.



4826017



12485795



8298097

# Square

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



12485795



11702118



6398599



6396868

# Rectangle

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



12485795



12944762



6398599



4432560



# Sweetspot

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



12485795



16245229



10388670



8220535



16579836



8224125



# Same Dimension

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



12485795



16227533



12485767



6182234



10354773



2031632



# Inverse Universe

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



12485795



16227533



8699579



6182234



10354773

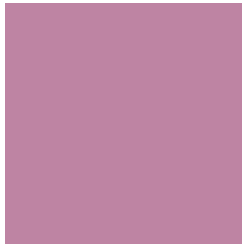


2031632



# Previews

## White Background



This preview shows how the Decimal color 12485795 looks on a white background.

## Color Contrast Check

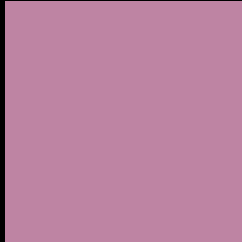
Large Text (above 18pt) WCAG AA × Fail

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 12485795 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

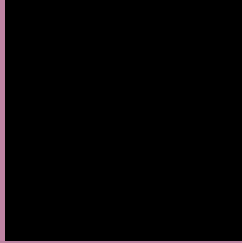
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12485795 Background



This preview shows how black text looks on a background with the Decimal color 12485795.




This preview shows how white text looks on a background with the Decimal color 12485795.

# 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**  
12355473

# Trichromacy



**Original Color**  
12485795

**Protanomaly**  
10587817

**Deuteranomaly**  
11177122

**Tritanomaly**  
12420760

# Monochromacy



**Original Color**  
12485795

**Achromatopsia**  
10066329

**Achromatomaly**  
10916253

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12485795 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 #BE84A3 looks like.

```
.text, #text, p{  
    color:#BE84A3  
}
```

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 #BE84A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE84A3
}
```

## Border

The CSS property to change the border of an element to Decimal 12485795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

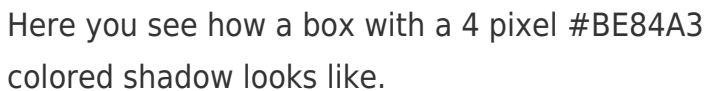
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE84A3 }
```

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

```
.border{ border-color:#BE84A3 }
```

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



Here you see how a box with a 4 pixel #BE84A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE84A3; -webkit-box-shadow:4px 4px  
4px 4px #BE84A3; box-shadow:4px 4px 4px  
4px #BE84A3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12485795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE84A3 }
```

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

```
.background{ background-color:#BE84A3 }
```

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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