

# Converting Colors

Decimal(12496576)

Have a look what the booklet for  
Decimal(12496576) contains.

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# **Color**

**Decimal(12496576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEAEC0
RGB	190, 174, 192
RGB Percent	75%, 68%, 75%
CMY	0.2549, 0.3176, 0.2471
CMYK	0.01, 0.09, 0.00, 0.25
HSL	293°, 12%, 72%
HSV	293°, 9%, 75%
XYZ	45.8857, 45.0250, 56.1414
YIQ	180.8360, 3.7580, 8.9900

# Conversions

## Conversions Part 2

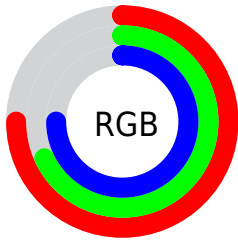
Format	Color
<a href="#">RYB</a>	<a href="#">190, 174, 192</a>
Decimal	<a href="#">12496576</a>
CIELab	<a href="#">72.91, 9.01, -7.09</a>
CIELCh	<a href="#">73, 11.464, 321.827</a>
Yxy	<a href="#">45.0250, 0.3120, 0.3062</a>
Android (android.graphics.Color)	<a href="#">4290686656 (0xFFBEAEC0)</a>
YUV	<a href="#">180.8360, 5.5039, 8.0368</a>
Hunter-Lab	<a href="#">67.1007, 4.6380, -2.6359</a>

# Details

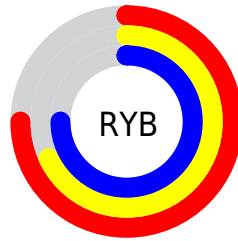
The Decimal color **12496576** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **11583662**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16180728**, and **9009803** is the 20% darker color. If you saturate the color by 10%, you get **12360640**, and if you desaturate by 10%, it is **12632512**.

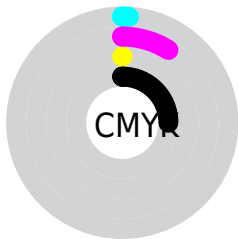
# Distribution



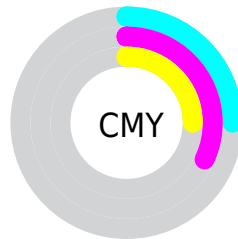
- Red (75%)
- Green (68%)
- Blue (75%)



- Red (75%)
- Yellow (68%)
- Blue (75%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (25%)



- Cyan (25%)
- Magenta (32%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12496576 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 12496576 by changing the saturation by 10% instead.



■ 12496576

■ 12496576

16777215

■ 10720165

■ 16180728

■ 9009803

■ 7299441

■ 5720409

■ 4141633

■ 2694443

■ 1442839

■ 0

■ 12496576

■ 12496576

 12360640

 12632512

 12224704

 12768448

 12088512

 12904640

 11887040

 13106112

 11751104

 13238208

 11615168

 13369280

 11479232

 13500352

 11343040

 13631424

 11207104

 13762496

# Harmonies

## Analogous

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



11710918



12496576



13085878

# Triad

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



12496576



12562846



10074554

# Complementary

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



12496576



11583662

# 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.



10336688



12496576



11777439

# Square

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



12496576



13086371



10991526



10205379

# Rectangle

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



12496576



13216943



10991526



10074551



# Sweetspot

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



12496576



16380666



11448512



8157309



16579836



8224125



# Same Dimension

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



12496576



16244474



12627641



6313825



9371809



1900577

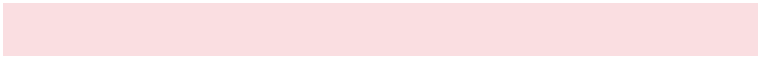


# Inverse Universe

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



12627632



16441057



11452597



6379352



10551314

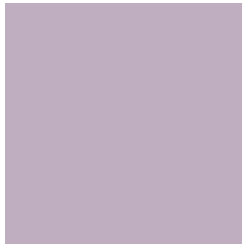


2162692



# Previews

## White Background



This preview shows how the Decimal color 12496576 looks on a white background.

## Color Contrast Check

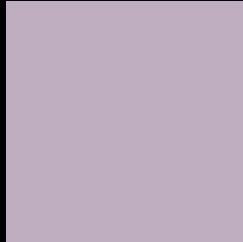
Large Text (above 18pt) WCAG AA × Fail

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 12496576 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

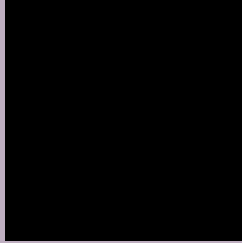
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12496576 Background



This preview shows how black text looks on a background with the Decimal color 12496576.



This preview shows how white text looks on a background with the Decimal color 12496576.

# 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**  
12496576

**Protanopia**  
11711170

**Deuteranopia**  
12496576



**Tritanopia**  
12431292

# Trichromacy



**Original Color**  
12496576

**Protanomaly**  
11973057

**Deuteranomaly**  
12496576

**Tritanomaly**  
12431293

# Monochromacy



**Original Color**  
12496576

**Achromatopsia**  
11908533

**Achromatomaly**  
12104377

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12496576 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 #BEAEC0 looks like.

```
.text, #text, p{  
    color:#BEAEC0  
}
```

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 #BEAEC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEAEC0  
}
```

## Border

The CSS property to change the border of an element to Decimal 12496576 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  
#BEAEC0 }
```

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

```
.border{ border-color:#BEAEC0 }
```

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

Here you see how a box with a 4 pixel #BEAEC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEAEC0; -webkit-box-shadow:4px 4px  
4px 4px #BEAEC0; box-shadow:4px 4px 4px  
4px #BEAEC0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12496576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEAEC0 }
```

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

```
.background{ background-color:#BEAEC0 }
```

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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