

# Converting Colors

Decimal(12482695)

Have a look what the booklet for  
Decimal(12482695) contains.

<b>Decimal(12482695)</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(12482695)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE7887
RGB	190, 120, 135
RGB Percent	75%, 47%, 53%
CMY	0.2549, 0.5294, 0.4706
CMYK	0.00, 0.37, 0.29, 0.25
HSL	347°, 35%, 61%
HSV	347°, 37%, 75%
XYZ	32.3248, 26.1294, 26.2614
YIQ	142.6400, 36.9050, 19.5050

# Conversions

## Conversions Part 2

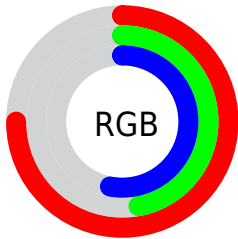
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 120, 135
Decimal	12482695
CIE <sub>Lab</sub>	58.16, 29.35, 3.37
CIE <sub>LCh</sub>	58, 29.547, 6.543
Yxy	26.1294, 0.3816, 0.3084
Android (android.graphics.Color)	4290672775 (0xFFBE7887)
YUV	142.6400, -3.7665, 41.5347
Hunter-Lab	51.1169, 23.4237, 5.3214

# Details

The Decimal color **12482695** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7913135**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16297404**, and **8865365** is the 20% darker color. If you saturate the color by 10%, you get **12477816**, and if you desaturate by 10%, it is **12487574**.

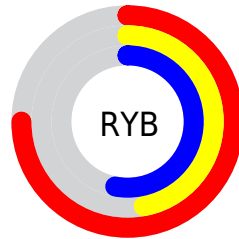
# Distribution



Red (75%)

Green (47%)

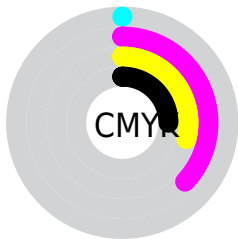
Blue (53%)



Red (75%)

Yellow (47%)

Blue (53%)

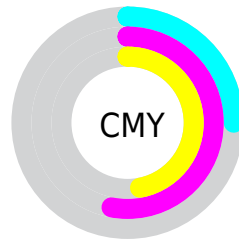


Cyan (0%)

Magenta (37%)

Yellow (29%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12482695 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 12482695 by changing the saturation by 10% instead.



 12482695

 12482695

16777215

 10641262

 16297404

 8865365

 16763352

 7089726

 16770548

 5379881

 3735572

 2293761

 0

 12482695

 12482695

 12477816

 12487574

 12472937

 12492453

 12468058

 12497332

 12463179

 12502211

 12458300

 12507090

 12453421

 12511969

 12451881

 12516848

 12517374

 12517375

# Harmonies

## Analogous

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



11631521



12482695



12352366

# Triad

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



12482695



8164193



4756667

# Complementary

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



12482695



7913135

# 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.



3119530



12482695



6133878

# Square

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



12482695



9997400



4102801



7441599

# Rectangle

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



12482695



11829346



4102801



3970742

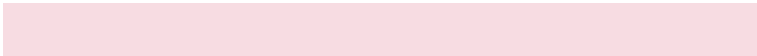


# Sweetspot

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



12482695



16243938



11499710



8220016



16579836



8224125



# Same Dimension

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



12482695



16223138



12487800



6182231



10354722



2031623



# Inverse Universe

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



12482695



16223138



7908030



6182231



10354722

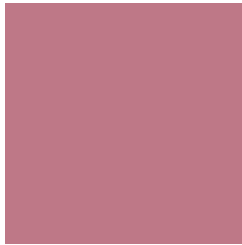


2031623



# Previews

## White Background



This preview shows how the Decimal color 12482695 looks on a white background.

## Color Contrast Check

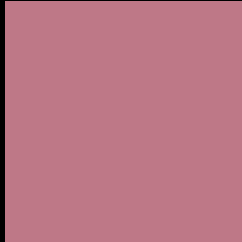
Large Text (above 18pt) WCAG AA ✓ Pass

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 12482695 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 12482695 Background



This preview shows how black text looks on a background with the Decimal color 12482695.




This preview shows how white text looks on a background with the Decimal color 12482695.

# 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**  
12417410

# Trichromacy



**Original Color**  
12482695

**Protanomaly**  
10454158

**Deuteranomaly**  
11108997

**Tritanomaly**  
12417412

# Monochromacy



**Original Color**  
12482695

**Achromatopsia**  
9408399

**Achromatomaly**  
10520460

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12482695 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 #BE7887 looks like.

```
.text, #text, p{  
  color:#BE7887  
}
```

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 #BE7887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE7887  
}
```

## Border

The CSS property to change the border of an element to Decimal 12482695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

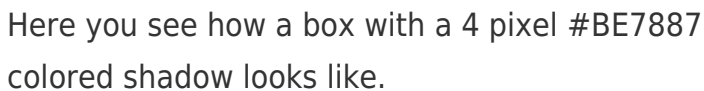
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#BE7887 }
```

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

```
.border{ border-color:#BE7887 }
```

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



Here you see how a box with a 4 pixel `#BE7887` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE7887; -webkit-box-shadow:4px 4px  
4px 4px #BE7887; box-shadow:4px 4px 4px  
4px #BE7887 }
```

# Background

The CSS property to change the background color of an element to Decimal 12482695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE7887 }
```

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

```
.background{ background-color:#BE7887 }
```

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