

# Converting Colors

Decimal(12089190)

Have a look what the booklet for  
Decimal(12089190) contains.

<b>Decimal(12089190)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(12089190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B87766
RGB	184, 119, 102
RGB Percent	72%, 47%, 40%
CMY	0.2784, 0.5333, 0.6000
CMYK	0.00, 0.35, 0.45, 0.28
HSL	12°, 37%, 56%
HSV	12°, 45%, 72%
XYZ	28.7623, 24.3433, 15.7532
YIQ	136.4970, 44.1970, 8.4930

# Conversions

## Conversions Part 2

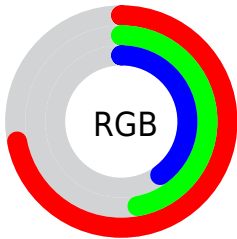
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 123, 102
Decimal	12089190
CIELab	56.43, 23.49, 19.88
CIElCh	56, 30.774, 40.252
Yxy	24.3433, 0.4177, 0.3535
Android (android.graphics.Color)	4290279270 (0xFFB87766)
YUV	136.4970, -17.0070, 41.6601
Hunter-Lab	49.3389, 17.7139, 15.6069

# Details

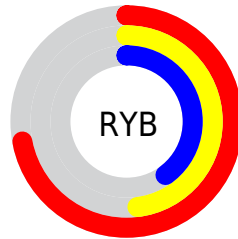
The Decimal color **12089190** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6727608**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **15903897**, and **8406583** is the 20% darker color. If you saturate the color by 10%, you get **12085332**, and if you desaturate by 10%, it is **12093048**.

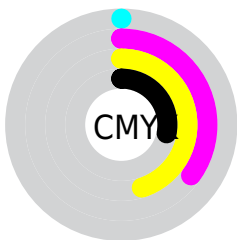
# Distribution



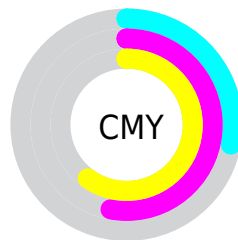
- Red (72%)
- Green (47%)
- Blue (40%)



- Red (72%)
- Yellow (48%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (45%)
- Black (28%)



- Cyan (28%)
- Magenta (53%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12089190 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 12089190 by changing the saturation by 10% instead.



 12089190

 12089190

16777215

 10247758

 15903897

 8406583

 16762804

 6631201

 16769999

 4921356

 16777196

 3277312

 1245184

 0

 12089190

 12089190

 12085332

 12093048

12081729

12096651

12077871

12100509

12074268

12104112

12070410

12107970

12068352

12111828

12115431

12119289

12122879

# Harmonies

## Analogous

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



12350335



12089190



11042901

# Triad

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



12089190



5411956



7374780

# Complementary

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



12089190



6727608

# 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.



4427705



12089190



3053200

# Square

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



12089190



7573598



2004137



9862576

# Rectangle

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



12089190



10061393



2004137



6392508



# Sweetspot

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



12089190



15783889



12084904



7891301



16250871



7895160



# Same Dimension

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



12089190



15764337



12099430



6051155



10231808



1836544



# Inverse Universe

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



6727608



7460336



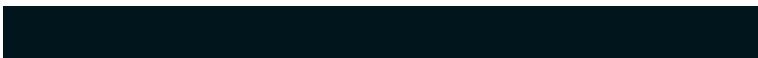
6717368



5462620



31644



5660



# Previews

## White Background



This preview shows how the Decimal color 12089190 looks on a white background.

## Color Contrast Check

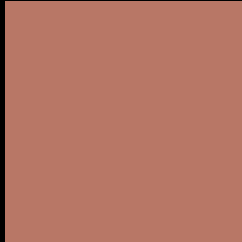
Large Text (above 18pt) WCAG AA ✓ Pass

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 12089190 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 12089190 Background



This preview shows how black text looks on a background with the Decimal color 12089190.

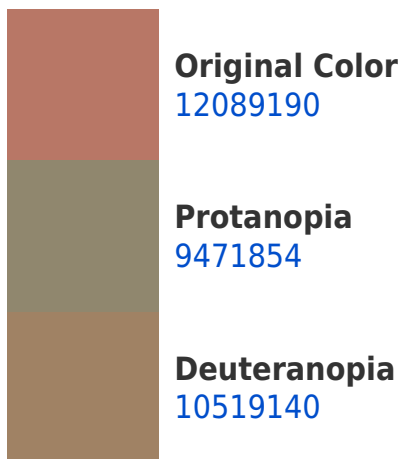



This preview shows how white text looks on a background with the Decimal color 12089190.

# 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**  
12219516

# Trichromacy



**Original Color**  
12089190

**Protanomaly**  
10453355

**Deuteranomaly**  
11107941

**Tritanomaly**  
12154228

# Monochromacy



**Original Color**  
12089190

**Achromatopsia**  
8947848

**Achromatomaly**  
10060412

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12089190 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 #B87766 looks like.

```
.text, #text, p{  
  color:#B87766  
}
```

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 #B87766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87766
}
```

## Border

The CSS property to change the border of an element to Decimal 12089190 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
#B87766 }
```

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

```
.border{ border-color:#B87766 }
```

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

Here you see how a box with a 4 pixel #B87766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87766; -webkit-box-shadow:4px 4px  
4px 4px #B87766; box-shadow:4px 4px 4px  
4px #B87766 }
```

# Background

The CSS property to change the background color of an element to Decimal 12089190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87766 }
```

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

```
.background{ background-color:#B87766 }
```

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