

# Converting Colors

Decimal(12091989)

Have a look what the booklet for  
Decimal(12091989) contains.

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# Color

**Decimal(12091989)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B88255</a>
RGB	<a href="#">184, 130, 85</a>
RGB Percent	<a href="#">72%, 51%, 33%</a>
CMY	<a href="#">0.2784, 0.4902, 0.6667</a>
CMYK	<a href="#">0.00, 0.29, 0.54, 0.28</a>
HSL	<a href="#">27°, 41%, 53%</a>
HSV	<a href="#">27°, 54%, 72%</a>
XYZ	<a href="#">29.3895, 26.8115, 12.2205</a>
YIQ	<a href="#">141.0160, 46.6290, -2.5470</a>

# Conversions

## Conversions Part 2

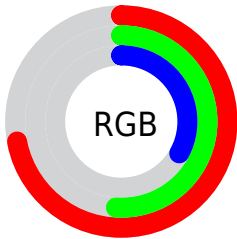
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 168, 85
Decimal	12091989
CIELab	58.80, 15.70, 32.49
CIELCh	59, 36.084, 64.216
Yxy	26.8115, 0.4295, 0.3919
Android (android.graphics.Color)	4290282069 (0xFFB88255)
YUV	141.0160, -27.6159, 37.6970
Hunter-Lab	51.7798, 10.6994, 22.2529

# Details

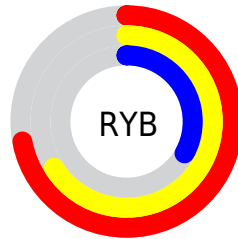
The Decimal color **12091989** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5606328**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **15906695**, and **8409382** is the 20% darker color. If you saturate the color by 10%, you get **12089411**, and if you desaturate by 10%, it is **12094567**.

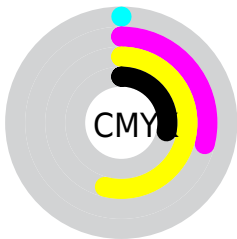
# Distribution



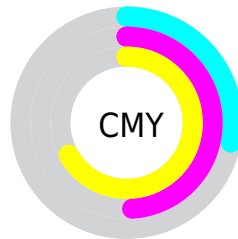
- Red (72%)
- Green (51%)
- Blue (33%)



- Red (72%)
- Yellow (66%)
- Blue (33%)



- Cyan (0%)
- Magenta (29%)
- Yellow (54%)
- Black (28%)



- Cyan (28%)
- Magenta (49%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12091989 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 12091989 by changing the saturation by 10% instead.



 12091989

 12091989

16777215

 10250557

 15906695

 8409382

 16765858

 6633744

 16773053

 4924160

 16777177

 3215104

 16777206

 1507328

 0

 12091989

 12091989

 12089411

 12094567


 12086832

 12097146

 12084254


 12099724


 12081675


 12102303


 12080128

 12104881

 12107459

 12110038

 12112616

 12115195

# Harmonies

## Analogous

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



13138027



12091989



10325325

# Triad

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



12091989



1941137



9929922

# Complementary

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



12091989



5606328

# 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.



6655948



12091989



40368

# Square

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



12091989



5545073



2005190



12155306

# Rectangle

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



12091989



8950610



2005190



8947911



# Sweetspot

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



12091989



15784905



12080523



7891809



16250871



7895160



# Same Dimension

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



12091989



15768404



12104533



6051667



10241792



1838336



# Inverse Universe

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



5606328



5548528



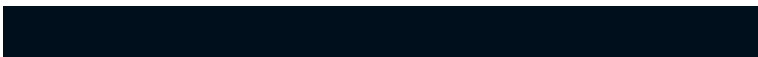
5593784



5462108



21916



3868



# Previews

## White Background



This preview shows how the Decimal color 12091989 looks on a white background.

## Color Contrast Check

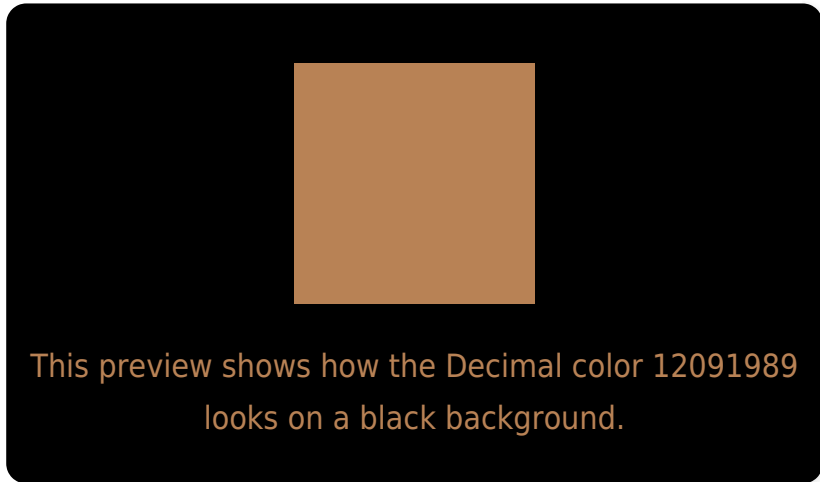
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

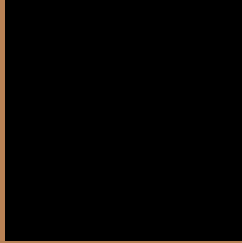
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12091989 Background



This preview shows how black text looks on a background with the Decimal color 12091989.



This preview shows how white text looks on a background with the Decimal color 12091989.

# 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**  
12091989

**Protanopia**  
10194521

**Deuteranopia**  
11306836



**Tritanopia**  
12352645

# Trichromacy



**Original Color**  
12091989

**Protanomaly**  
10914392

**Deuteranomaly**  
11568468

**Tritanomaly**  
12287604

# Monochromacy



**Original Color**  
12091989

**Achromatopsia**  
9276813

**Achromatomaly**  
10324345

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12091989 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 #B88255 looks like.

```
.text, #text, p{  
    color:#B88255  
}
```

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 #B88255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B88255
}
```

## Border

The CSS property to change the border of an element to Decimal 12091989 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
#B88255 }
```

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

```
.border{ border-color:#B88255 }
```

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

Here you see how a box with a 4 pixel #B88255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B88255; -webkit-box-shadow:4px 4px  
4px 4px #B88255; box-shadow:4px 4px 4px  
4px #B88255 }
```

# Background

The CSS property to change the background color of an element to Decimal 12091989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B88255 }
```

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

```
.background{ background-color:#B88255 }
```

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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