

# Converting Colors

Decimal(12420693)

Have a look what the booklet for  
Decimal(12420693) contains.

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# Color

**Decimal(12420693)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD8655
RGB	189, 134, 85
RGB Percent	74%, 53%, 33%
CMY	0.2588, 0.4745, 0.6667
CMYK	0.00, 0.29, 0.55, 0.26
HSL	28°, 44%, 54%
HSV	28°, 55%, 74%
XYZ	31.1511, 28.5249, 12.4583
YIQ	144.8590, 48.5090, -3.5790

# Conversions

## Conversions Part 2

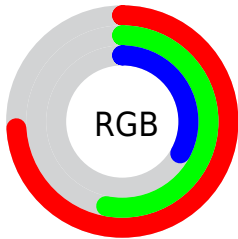
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 178, 85
Decimal	12420693
CIE <sub>Lab</sub>	60.36, 15.59, 34.56
CIE <sub>LCh</sub>	60, 37.915, 65.715
Yxy	28.5249, 0.4318, 0.3954
Android (android.graphics.Color)	4290610773 (0xFFBD8655)
YUV	144.8590, -29.5105, 38.7117
Hunter-Lab	53.4087, 10.6464, 23.5558

# Details

The Decimal color **12420693** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5606589**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16300936**, and **8737830** is the 20% darker color. If you saturate the color by 10%, you get **12418114**, and if you desaturate by 10%, it is **12423272**.

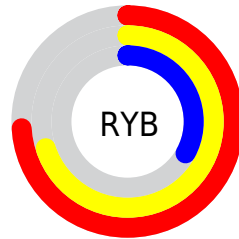
# Distribution



Red (74%)

Green (53%)

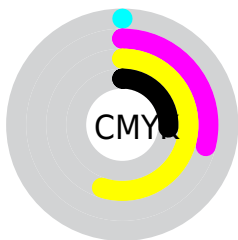
Blue (33%)



Red (74%)

Yellow (70%)

Blue (33%)

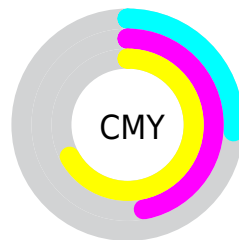


Cyan (0%)

Magenta (29%)

Yellow (55%)

Black (26%)



Cyan (26%)

Magenta (47%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12420693 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 12420693 by changing the saturation by 10% instead.



 12420693

 12420693

16777215

 10513725

 16300936

 8737830

 16766882

 6896911

 16774077

 5187328

 16777177

 3478016

 16777206

 1966081

 0

 12420693

 12420693

 12418114

 12423272

 12415535

 12425851

 12412956

 12428430

 12410377

 12431009

 12409088

 12433587

 12436166

 12438745

 12441324

 12443903

# Harmonies

## Analogous

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



13597548



12420693



10588750

# Triad

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



12420693



631703



10323656

# Complementary

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



12420693



5606589

# 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.



6919124



12420693



41655

# Square

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



12420693



5415285



1678542



12680110

# Rectangle

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



12420693



9017428



1678542



9341902



# Sweetspot

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



12420693



16113611



12408204



8023394



16448250



8026746



# Same Dimension

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



12420693



16097107



12434005



6183253



10373632



2035200



# Inverse Universe

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



5606589



5482997



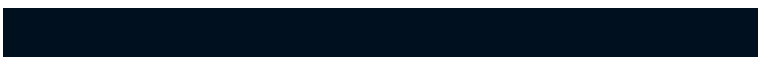
5593277



5593694



21662



4127



# Previews

## White Background



This preview shows how the Decimal color 12420693 looks on a white background.

## Color Contrast Check

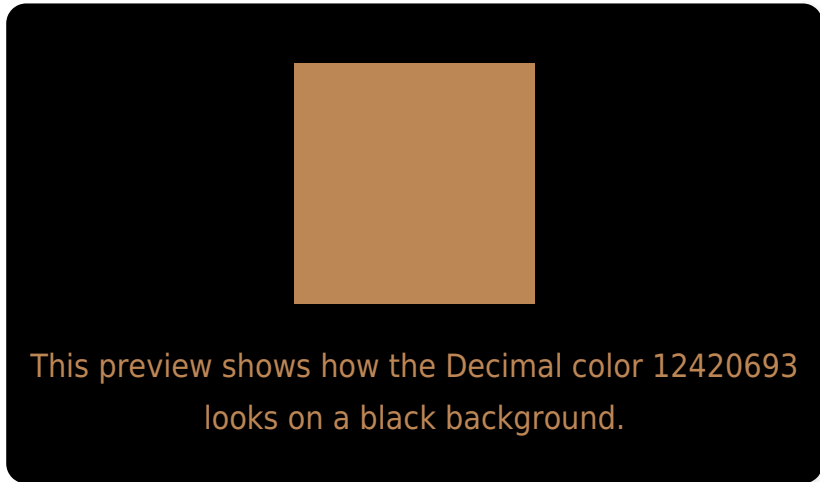
Large Text (above 18pt) WCAG AA ✓ Pass

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

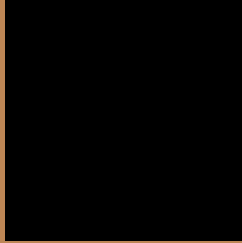
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12420693 Background



This preview shows how black text looks on a background with the Decimal color 12420693.



This preview shows how white text looks on a background with the Decimal color 12420693.

# 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**  
12420693

**Protanopia**  
10457689

**Deuteranopia**  
11701076



**Tritanopia**  
12681353

# Trichromacy



**Original Color**  
12420693

**Protanomaly**  
11177560

**Deuteranomaly**  
11962708

**Tritanomaly**  
12616310

# Monochromacy



**Original Color**  
12420693

**Achromatopsia**  
9539985

**Achromatomaly**  
10587515

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12420693 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 #BD8655 looks like.

```
.text, #text, p{  
    color:#BD8655  
}
```

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 #BD8655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8655
}
```

## Border

The CSS property to change the border of an element to Decimal 12420693 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
#BD8655 }
```

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

```
.border{ border-color:#BD8655 }
```

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

Here you see how a box with a 4 pixel #BD8655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8655; -webkit-box-shadow:4px 4px  
4px 4px #BD8655; box-shadow:4px 4px 4px  
4px #BD8655 }
```

# Background

The CSS property to change the background color of an element to Decimal 12420693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8655 }
```

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

```
.background{ background-color:#BD8655 }
```

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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