

# Converting Colors

Decimal(12088642)

Have a look what the booklet for  
Decimal(12088642) contains.

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# Color

**Decimal(12088642)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B87542
RGB	184, 117, 66
RGB Percent	72%, 46%, 26%
CMY	0.2784, 0.5412, 0.7412
CMYK	0.00, 0.36, 0.64, 0.28
HSL	26°, 47%, 49%
HSV	26°, 64%, 72%
XYZ	27.1118, 23.3063, 8.2239
YIQ	131.2190, 56.3030, -1.6570

# Conversions

## Conversions Part 2

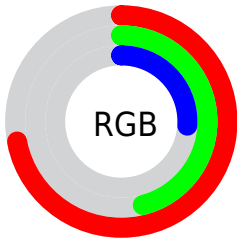
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 156, 66
Decimal	12088642
CIELab	55.39, 21.44, 38.54
CIELCh	55, 44.100, 60.915
Yxy	23.3063, 0.4623, 0.3974
Android (android.graphics.Color)	4290278722 (0xFFB87542)
YUV	131.2190, -32.1530, 46.2889
Hunter-Lab	48.2766, 15.7605, 23.6936

# Details

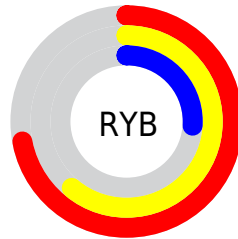
The Decimal color **12088642** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4359608**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **15968628**, and **8340499** is the 20% darker color. If you saturate the color by 10%, you get **12086064**, and if you desaturate by 10%, it is **12091220**.

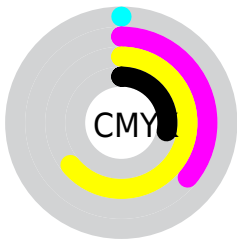
# Distribution



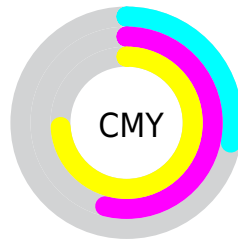
- Red (72%)
- Green (46%)
- Blue (26%)



- Red (72%)
- Yellow (61%)
- Blue (26%)



- Cyan (0%)
- Magenta (36%)
- Yellow (64%)
- Black (28%)







- Cyan (28%)
- Magenta (54%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12088642 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 12088642 by changing the saturation by 10% instead.



 12088642	 12088642
16777215	 10181674
 15968628	 8340499
 16762254	 6499584
 16769448	 4724480
 16776900	 3014912
 16777184	 262144
16777213	 0
 12088642	 12088642
 12086064	 12091220

12083229

12094055

12080651

12096633

12079104

12099468

12102046

12104880

12107459

12110293

12112872

# Harmonies

## Analogous

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



13264991



12088642



10126133

# Triad

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



12088642



39045



8944326

# Complementary

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



12088642



4359608

# 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.



4098257



12088642



38827

# Square

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



12088642



4232542



37575



11889578

# Rectangle

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



12088642



8424250



37575



7634892



# Sweetspot

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



12088642



15783618



12075655



7891036



16250871



7895160



# Same Dimension

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



12088642



15763255



12103234



6051667



10240768



1838080



# Inverse Universe

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



4359608



3645680



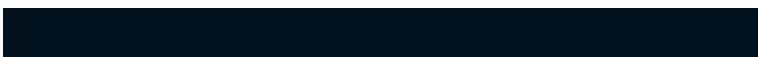
4345016



5462108



22684

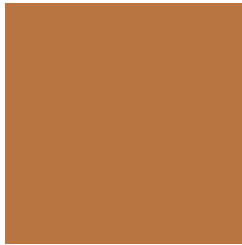


4124



# Previews

## White Background



This preview shows how the Decimal color 12088642 looks on a white background.

## Color Contrast Check

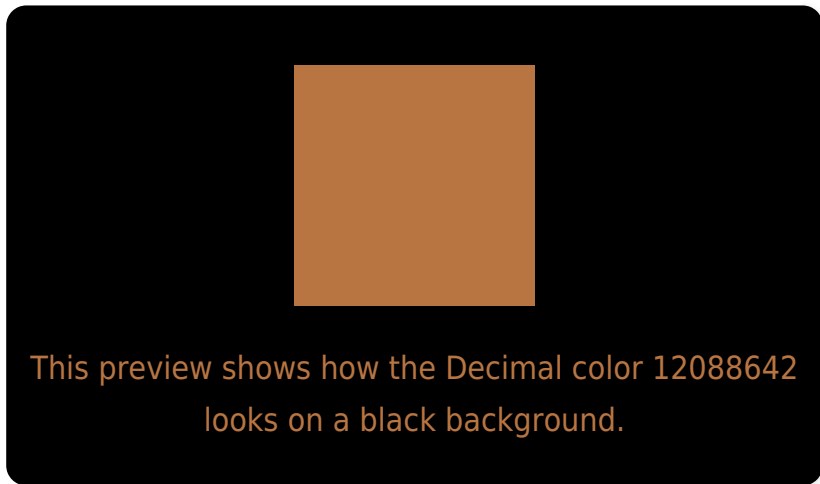
Large Text (above 18pt) WCAG AA ✓ Pass

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 12088642 Background



This preview shows how black text looks on a background with the Decimal color 12088642.



This preview shows how white text looks on a background with the Decimal color 12088642.

# 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



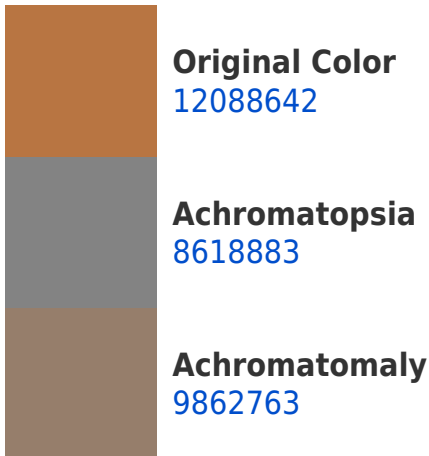


**Tritanopia**  
12349303

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12088642 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 #B87542 looks like.

```
.text, #text, p{  
    color:#B87542  
}
```

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 #B87542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87542
}
```

## Border

The CSS property to change the border of an element to Decimal 12088642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

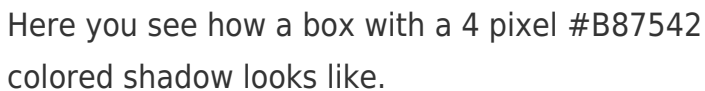
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B87542 }
```

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

```
.border{ border-color:#B87542 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B87542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87542; -webkit-box-shadow:4px 4px  
4px 4px #B87542; box-shadow:4px 4px 4px  
4px #B87542 }
```

# Background

The CSS property to change the background color of an element to Decimal 12088642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87542 }
```

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

```
.background{ background-color:#B87542 }
```

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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