

# Converting Colors

Decimal(12285712)

Have a look what the booklet for  
Decimal(12285712) contains.

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# Color

**Decimal(12285712)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB7710
RGB	187, 119, 16
RGB Percent	73%, 47%, 6%
CMY	0.2667, 0.5333, 0.9373
CMYK	0.00, 0.36, 0.91, 0.27
HSL	36°, 84%, 40%
HSV	36°, 91%, 73%
XYZ	27.1839, 23.7959, 3.6505
YIQ	127.5900, 73.5910, -17.6170

# Conversions

## Conversions Part 2

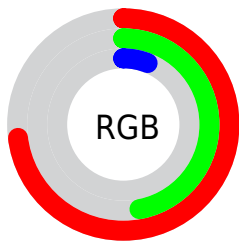
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 187, 16
Decimal	12285712
CIE Lab	55.88, 19.59, 59.45
CIE LCh	56, 62.590, 71.762
Yxy	23.7959, 0.4976, 0.4356
Android (android.graphics.Color)	4290475792 (0xFFBB7710)
YUV	127.5900, -55.0139, 52.1026
Hunter-Lab	48.7810, 14.1048, 29.7097

# Details

The Decimal color **12285712** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1070267**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16296778**, and **8406528** is the 20% darker color. If you saturate the color by 10%, you get **12284160**, and if you desaturate by 10%, it is **12287523**.

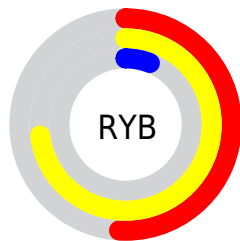
# Distribution



Red (73%)

Green (47%)

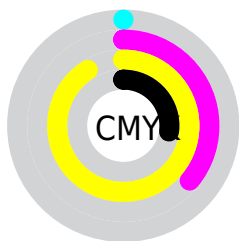
Blue (6%)



Red (51%)

Yellow (73%)

Blue (6%)

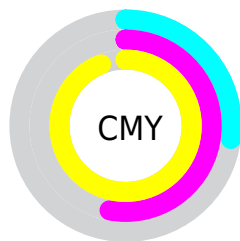


Cyan (0%)

Magenta (36%)

Yellow (91%)

Black (27%)



Cyan (27%)

Magenta (53%)




Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12285712 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 12285712 by changing the saturation by 10% instead.



 12285712	 12285712
 16777215	 10313216
 16296778	 8406528
 16762724	 6500352
 16769919	 4659712
 16777114	 2950144
 16777142	 327680
 16777170	 0
 16777199	
 12285712	 12285712

■ 12284160

■ 12287523

■ 12289589

■ 12291400

■ 12293467

■ 12295278

■ 12297344

■ 12299155

■ 12300966

■ 12303032

# Harmonies

## Analogous

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



14442304



12285712



9210368

# Triad

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



12285712



40858



10710488

# Complementary

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



12285712



1070267

# 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.



3245553



12285712



40397

# Square

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



12285712



40290



38381



14046889

# Rectangle

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



12285712



6722332



38381



9008867



# Sweetspot

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



12285712



15915185



12259412



8022867



16448250



8026746



# Same Dimension

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



12285712



15897088



11189008



6183765



10379008



2036224



# Inverse Universe

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



1070267



24818



2166971



5593438



16286



3103



# Previews

## White Background



This preview shows how the Decimal color 12285712 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 12285712 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 12285712 Background



This preview shows how black text looks on a background with the Decimal color 12285712.



This preview shows how white text looks on a background with the Decimal color 12285712.

# 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**  
12285712

**Protanopia**  
9930517

**Deuteranopia**  
11173632

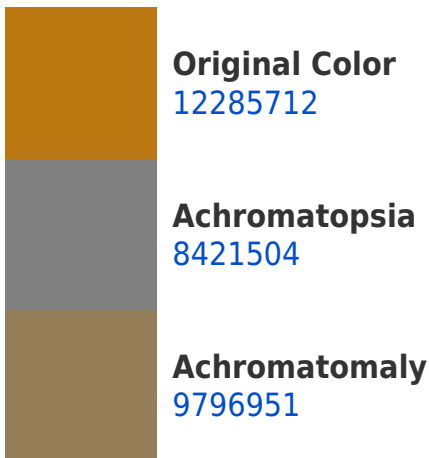


**Tritanopia**  
12611447

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12285712 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 #BB7710 looks like.

```
.text, #text, p{  
  color:#BB7710  
}
```

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 #BB7710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB7710
}
```

## Border

The CSS property to change the border of an element to Decimal 12285712 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
#BB7710 }
```

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

```
.border{ border-color:#BB7710 }
```

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

Here you see how a box with a 4 pixel #BB7710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB7710; -webkit-box-shadow:4px 4px  
4px 4px #BB7710; box-shadow:4px 4px 4px  
4px #BB7710 }
```

# Background

The CSS property to change the background color of an element to Decimal 12285712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB7710 }
```

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

```
.background{ background-color:#BB7710 }
```

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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