

# Converting Colors

Decimal(12481359)

Have a look what the booklet for  
Decimal(12481359) contains.

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# Color

**Decimal(12481359)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE734F
RGB	190, 115, 79
RGB Percent	75%, 45%, 31%
CMY	0.2549, 0.5490, 0.6902
CMYK	0.00, 0.39, 0.58, 0.25
HSL	19°, 46%, 53%
HSV	19°, 58%, 75%
XYZ	28.7772, 23.7731, 10.4691
YIQ	133.3210, 56.2560, 4.7040

# Conversions

## Conversions Part 2

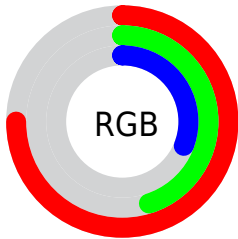
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 132, 79
Decimal	12481359
CIE <sub>Lab</sub>	55.86, 26.00, 32.27
CIE <sub>LCh</sub>	56, 41.443, 51.141
Yxy	23.7731, 0.4566, 0.3772
Android (android.graphics.Color)	4290671439 (0xFFBE734F)
YUV	133.3210, -26.7803, 49.7075
Hunter-Lab	48.7577, 20.0263, 21.3998

# Details

The Decimal color **12481359** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5216958**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **16427137**, and **8733217** is the 20% darker color. If you saturate the color by 10%, you get **12478012**, and if you desaturate by 10%, it is **12484706**.

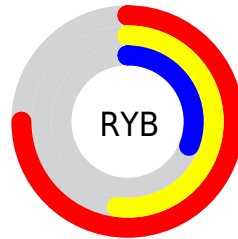
# Distribution



Red (75%)

Green (45%)

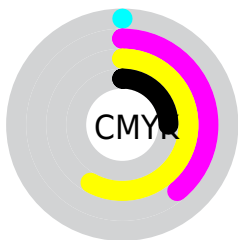
Blue (31%)



Red (75%)

Yellow (52%)

Blue (31%)

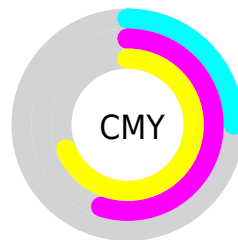


Cyan (0%)

Magenta (39%)

Yellow (58%)

Black (25%)



Cyan (25%)

Magenta (55%)



















Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12481359 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 12481359 by changing the saturation by 10% instead.



 12481359	 12481359
16777215	 10574392
 16427137	 8733217
 16761755	 6892299
 16768950	 5116928
 16776402	 3342336
 16777198	 1245184
	 0
 12481359	 12481359
 12478012	 12484706

12474665

12488053

12471318

12491400

12468227

12494491

12467712

12497838

12501185

12504532

12507879

12511226

# Harmonies

## Analogous

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



13265262



12481359



10846269

# Triad

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



12481359



694394



7897545

# Complementary

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



12481359



5216958

# 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.



2461133



12481359



39071

# Square

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



12481359



5804887



38333



11039667

# Rectangle

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



12481359



9340989



38333



6456780



# Sweetspot

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



12481359



16243147



12472219



8219233



16579836



8224125



# Same Dimension

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



12481359



16220746



12495439



6182997



10367744



2034176



# Inverse Universe

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



5216958



4898807



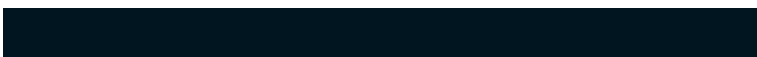
5202878



5593950



27550



5407



# Previews

## White Background



This preview shows how the Decimal color 12481359 looks on a white background.

## Color Contrast Check

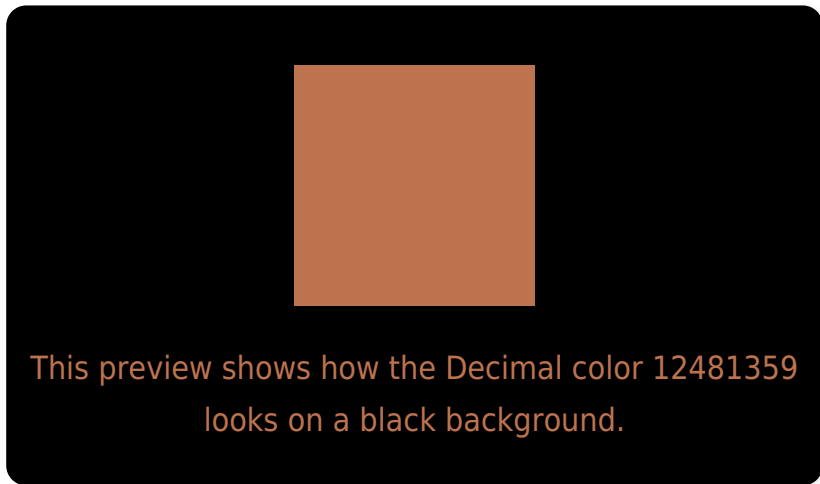
Large Text (above 18pt) WCAG AA ✓ Pass

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

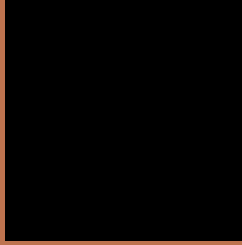
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12481359 Background



This preview shows how black text looks on a background with the Decimal color 12481359.



This preview shows how white text looks on a background with the Decimal color 12481359.

# 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**  
12481359

**Protanopia**  
9602646

**Deuteranopia**  
10780748



**Tritanopia**  
12676726

# Trichromacy



**Original Color**  
12481359

**Protanomaly**  
10649427

**Deuteranomaly**  
11369293

**Tritanomaly**  
12611688

# Monochromacy



**Original Color**  
12481359

**Achromatopsia**  
8750469

**Achromatomaly**  
10124913

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12481359 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 #BE734F looks like.

```
.text, #text, p{  
  color:#BE734F  
}
```

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 #BE734F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE734F
}
```

## Border

The CSS property to change the border of an element to Decimal 12481359 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
#BE734F }
```

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

```
.border{ border-color:#BE734F }
```

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

Here you see how a box with a 4 pixel #BE734F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE734F; -webkit-box-shadow:4px 4px  
4px 4px #BE734F; box-shadow:4px 4px 4px  
4px #BE734F }
```

# Background

The CSS property to change the background color of an element to Decimal 12481359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE734F }
```

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

```
.background{ background-color:#BE734F }
```

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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