

# Converting Colors

Decimal(12481850)

Have a look what the booklet for  
Decimal(12481850) contains.

<b>Decimal(12481850)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(12481850)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE753A
RGB	190, 117, 58
RGB Percent	75%, 46%, 23%
CMY	0.2549, 0.5412, 0.7725
CMYK	0.00, 0.38, 0.69, 0.25
HSL	27°, 53%, 49%
HSV	27°, 69%, 75%
XYZ	28.3602, 23.9752, 7.1359
YIQ	132.1010, 62.4470, -2.8730

# Conversions

## Conversions Part 2

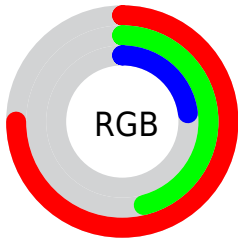
Format	Color
R <sub>Y</sub> B	190, 165, 58
Decimal	12481850
CIE Lab	56.06, 23.50, 43.61
CIE LCh	56, 49.538, 61.685
Yxy	23.9752, 0.4769, 0.4031
Android (android.graphics.Color)	4290671930 (0xFFBE753A)
YUV	132.1010, -36.5318, 50.7774
Hunter-Lab	48.9645, 17.6993, 25.6344

# Details

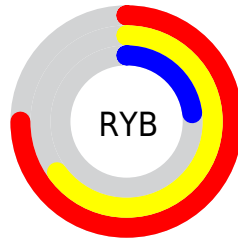
The Decimal color **12481850** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3834814**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **16427372**, and **8668167** is the 20% darker color. If you saturate the color by 10%, you get **12479015**, and if you desaturate by 10%, it is **12484685**.

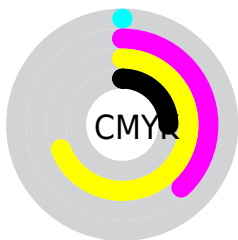
# Distribution



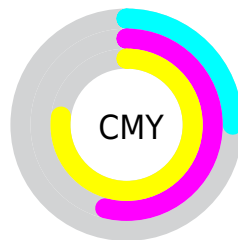
- Red (75%)
- Green (46%)
- Blue (23%)



- Red (75%)
- Yellow (65%)
- Blue (23%)



- Cyan (0%)
- Magenta (38%)
- Yellow (69%)
- Black (25%)



- Cyan (25%)
- Magenta (54%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12481850 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 12481850 by changing the saturation by 10% instead.



 12481850

 12481850

16777215

 10574882

 16427372

 8668167

 16762246

 6827264

 16769440

 4986624

 16776892

 3211520

 16777176

 1048576

 16777204

 0

 12481850

 12481850

 12479015

 12484685

■ 12476436

■ 12487264

■ 12473601

■ 12490099

■ 12473600

■ 12492678

■ 12495513

■ 12498092

■ 12500927

■ 12503506

■ 12506341

# Harmonies

## Analogous

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



13854300



12481850



10257706

# Triad

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



12481850



39816



9140944

# Complementary

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



12481850



3834814

# 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.



2853596



12481850



39858

# Square

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



12481850



3250268



38354



12413360

# Rectangle

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



12481850



8424753



38354



7635159



# Sweetspot

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



12481850



16243651



12466821



8219742



16579836



8224125



# Same Dimension

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



12481850



16221738



12498234



6183253



10372864



2035200



# Inverse Universe

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



3834814



2792695



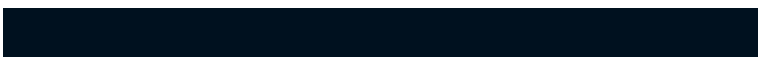
3818430



5593694



22430

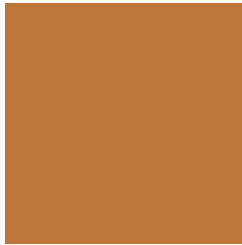


4383



# Previews

## White Background



This preview shows how the Decimal color 12481850 looks on a white background.

## Color Contrast Check

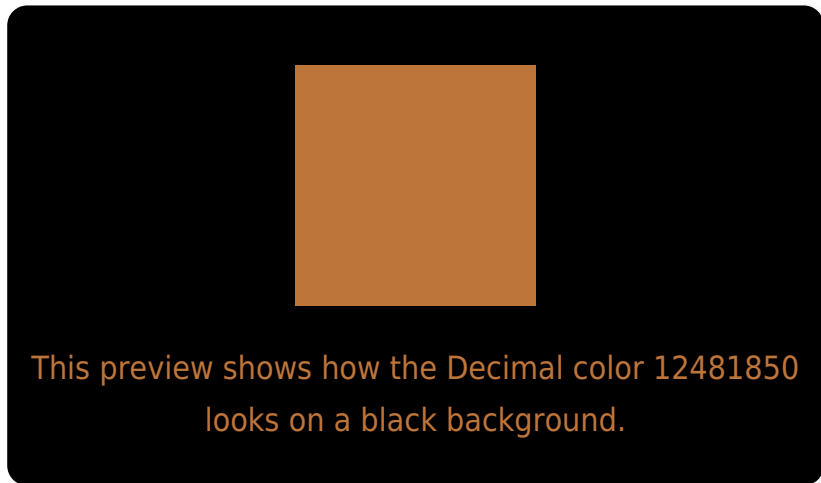
Large Text (above 18pt) WCAG AA ✓ Pass

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

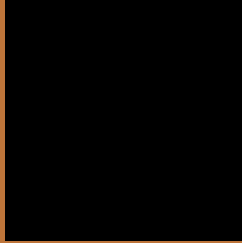
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12481850 Background



This preview shows how black text looks on a background with the Decimal color 12481850.



This preview shows how white text looks on a background with the Decimal color 12481850.

# 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**  
12481850

**Protanopia**  
9799488

**Deuteranopia**  
11042871



# Trichromacy



**Original Color**  
12481850

**Protanomaly**  
10780734

**Deuteranomaly**  
11566136

**Tritanomaly**  
12677472

# Monochromacy



**Original Color**  
12481850

**Achromatopsia**  
8684676

**Achromatomaly**  
10059625

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12481850 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 #BE753A looks like.

```
.text, #text, p{  
    color:#BE753A  
}
```

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 #BE753A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE753A
}
```

## Border

The CSS property to change the border of an element to Decimal 12481850 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
#BE753A }
```

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

```
.border{ border-color:#BE753A }
```

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

Here you see how a box with a 4 pixel #BE753A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE753A; -webkit-box-shadow:4px 4px  
4px 4px #BE753A; box-shadow:4px 4px 4px  
4px #BE753A }
```

# Background

The CSS property to change the background color of an element to Decimal 12481850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE753A }
```

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

```
.background{ background-color:#BE753A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor