

Converting Colors

Decimal(12483929)

Have a look what the booklet for
Decimal(12483929) contains.

Decimal(12483929)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12483929)

Conversions

Conversions Part 1

Format	Color
Hex	BE7D59
RGB	190, 125, 89
RGB Percent	75%, 49%, 35%
CMY	0.2549, 0.5098, 0.6510
CMYK	0.00, 0.34, 0.53, 0.25
HSL	21°, 44%, 55%
HSV	21°, 53%, 75%
XYZ	30.3720, 26.3356, 12.9337
YIQ	140.3310, 50.2960, 2.5840

Conversions

Conversions Part 2

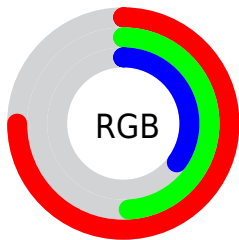
Format	Color
R_{YB}	190, 145, 89
Decimal	12483929
CIE _{Lab}	58.35, 21.34, 29.88
CIE _{LCh}	58, 36.721, 54.467
Yxy	26.3356, 0.4361, 0.3782
Android (android.graphics.Color)	4290674009 (0xFFBE7D59)
YUV	140.3310, -25.3062, 43.5597
Hunter-Lab	51.3183, 15.8357, 20.9800

Details

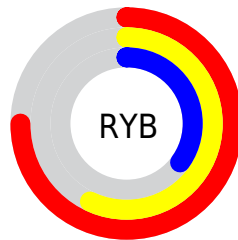
The Decimal color **12483929** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5872318**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **16364172**, and **8735786** is the 20% darker color. If you saturate the color by 10%, you get **12480838**, and if you desaturate by 10%, it is **12487020**.

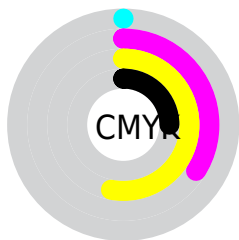
Distribution



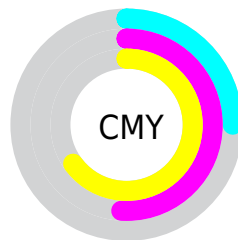
- Red (75%)
- Green (49%)
- Blue (35%)



- Red (75%)
- Yellow (57%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (53%)
- Black (25%)



- Cyan (25%)
- Magenta (51%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the Decimal color 12483929 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 12483929 by changing the saturation by 10% instead.

 12483929  12483929

16777215  10576961

 16364172  8735786

 16764582  6960148


 16771777  5250560

 16777181  3475456

 16777210  1769473

 0

 12483929  12483929

 12480838  12487020

12477747

12490111

12474400

12493458

12471309

12496549

12469248

12499640

12502731

12506078

12509169

12512255

Harmonies

Analogous

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



13268083



12483929



10913868

Triad

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



12483929



3054981



8881863

Complementary

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



12483929



5872318

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.



5149132



12483929



40358

Square

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



12483929



6330726



39360



11500210

Rectangle

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



12483929



9539405



39360



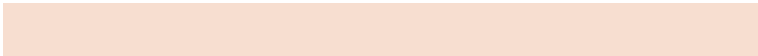
7768778

Sweetspot

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



12483929



16244432



12474779



8220261



16579836



8224125

Same Dimension

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



12483929



16224601



12496729



6182997



10369024



2034432

Inverse Universe

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



5872318



5881847



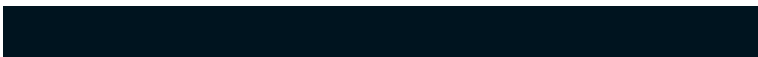
5859518



5593950



26270



5151

Previews

White Background



This preview shows how the Decimal color 12483929 looks on a white background.

Color Contrast Check

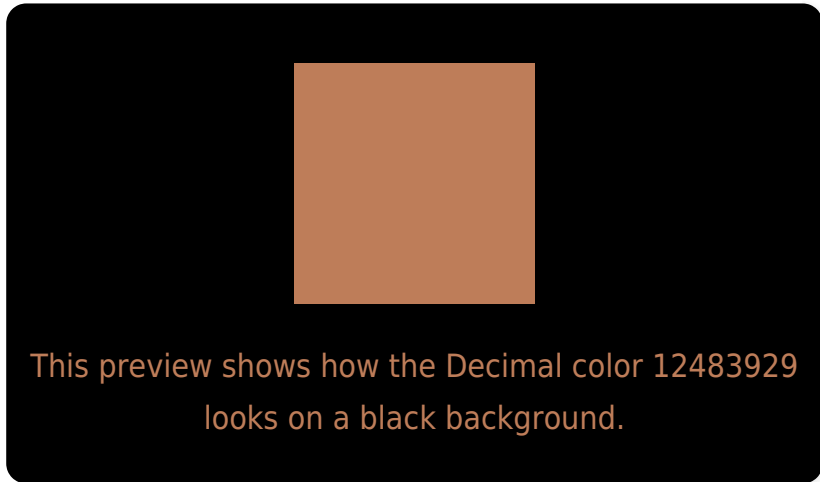
Large Text (above 18pt) WCAG AA ✓ Pass

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

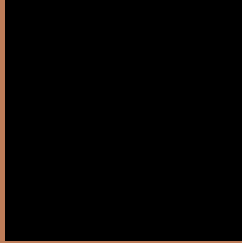
Any Text WCAG AA ✓ Pass

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 12483929 Background



This preview shows how black text looks on a background with the Decimal color 12483929.



This preview shows how white text looks on a background with the Decimal color 12483929.

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
12483929

Protanopia
9997663

Deuteranopia
11175511



Tritanopia
12679297

Trichromacy



Original Color
12483929

Protanomaly
10913629

Deuteranomaly
11633496

Tritanomaly
12614258

Monochromacy



Original Color
12483929

Achromatopsia
9211020

Achromatomaly
10389369

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12483929 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 #BE7D59 looks like.

```
.text, #text, p{  
  color:#BE7D59  
}
```

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 #BE7D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE7D59
}
```

Border

The CSS property to change the border of an element to Decimal 12483929 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
#BE7D59 }
```

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

```
.border{ border-color:#BE7D59 }
```

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

Here you see how a box with a 4 pixel #BE7D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE7D59; -webkit-box-shadow:4px 4px  
4px 4px #BE7D59; box-shadow:4px 4px 4px  
4px #BE7D59 }
```

Background

The CSS property to change the background color of an element to Decimal 12483929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE7D59 }
```

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

```
.background{ background-color:#BE7D59 }
```

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