

Converting Colors

Decimal(12478046)

Have a look what the booklet for
Decimal(12478046) contains.

Decimal(12478046)	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(12478046)

Conversions

Conversions Part 1

Format	Color
Hex	BE665E
RGB	190, 102, 94
RGB Percent	75%, 40%, 37%
CMY	0.2549, 0.6000, 0.6314
CMYK	0.00, 0.46, 0.51, 0.25
HSL	5°, 42%, 56%
HSV	5°, 51%, 75%
XYZ	28.0070, 21.2580, 13.2168
YIQ	127.4000, 55.0160, 16.1680

Conversions

Conversions Part 2

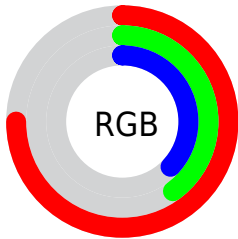
Format	Color
R _Y B	190, 103, 94
Decimal	12478046
CIE Lab	53.23, 34.31, 20.34
CIE LCh	53, 39.886, 30.656
Yxy	21.2580, 0.4482, 0.3402
Android (android.graphics.Color)	4290668126 (0xFFBE665E)
YUV	127.4000, -16.4662, 54.9002
Hunter-Lab	46.1064, 27.7420, 15.2786

Details

The Decimal color **12478046** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6207166**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16358288**, and **8729648** is the 20% darker color. If you saturate the color by 10%, you get **12473675**, and if you desaturate by 10%, it is **12482417**.

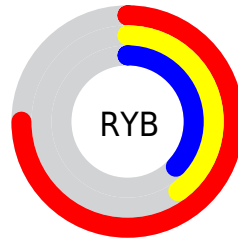
Distribution



Red (75%)

Green (40%)

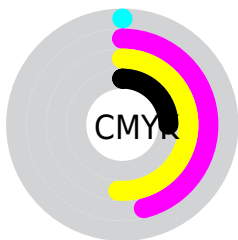
Blue (37%)



Red (75%)

Yellow (40%)

Blue (37%)

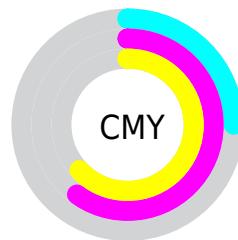


Cyan (0%)

Magenta (46%)

Yellow (51%)

Black (25%)



Cyan (25%)

Magenta (60%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12478046 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 12478046 by changing the saturation by 10% instead.

 12478046

 12478046

16777215

 10571078

 16358288

 8729648

 16758443

 6888219

 16765638

 5111809

 16772834

 3407872

 851968

 0

 12478046

 12478046

 12473675

 12482417

 12469048

 12487044

 12464677

 12491415

 12460050

 12496042

 12455936

 12500413

 12505040

 12509411

 12513782

 12517375

Harmonies

Analogous

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



12477056



12478046



11432260

Triad

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



12478046



4492892



4424388

Complementary

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



12478046



6207166

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.



35770



12478046



37247

Square

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



12478046



7374658



37025



8550074

Rectangle

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



12478046



10320186



37025



2197186

Sweetspot

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



12478046



16242130



12476086



8218726



16579836



8224125

Same Dimension

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



12478046



16215392



12490334



6182485



10358016



2032384

Inverse Universe

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



6207166



6351863



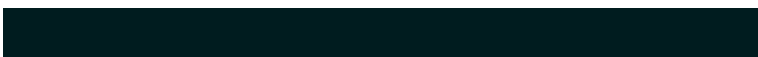
6194878



5594718



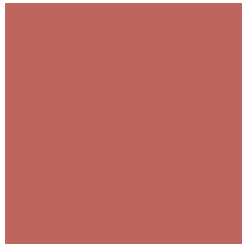
37278



7199

Previews

White Background



This preview shows how the Decimal color 12478046 looks on a white background.

Color Contrast Check

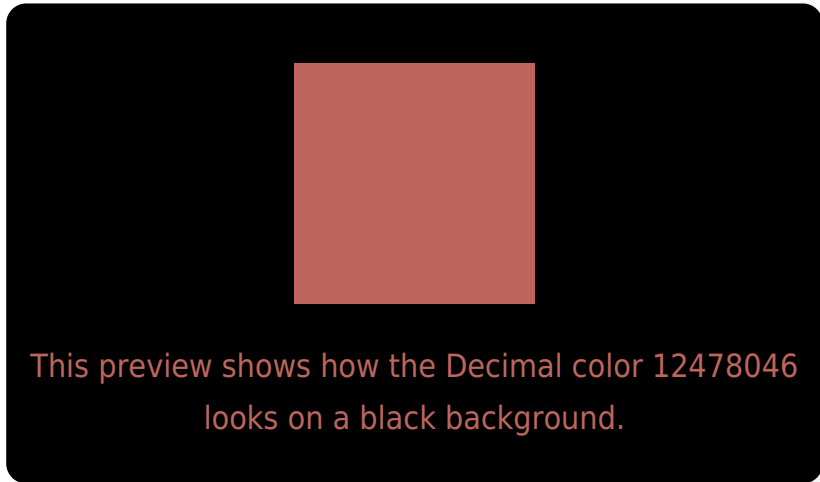
Large Text (above 18pt) WCAG AA ✓ Pass

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 12478046 Background



This preview shows how black text looks on a background with the Decimal color 12478046.



This preview shows how white text looks on a background with the Decimal color 12478046.

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



Trichromacy



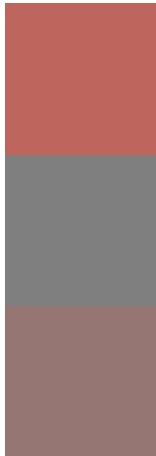
Original Color
12478046

Protanomaly
10188390

Deuteranomaly
10908507

Tritanomaly
12543334

Monochromacy



Original Color
12478046

Achromatopsia
8355711

Achromatomaly
9860723

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12478046 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 #BE665E looks like.

```
.text, #text, p{  
    color:#BE665E  
}
```

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 #BE665E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE665E
}
```

Border

The CSS property to change the border of an element to Decimal 12478046 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
#BE665E }
```

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

```
.border{ border-color:#BE665E }
```

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

Here you see how a box with a 4 pixel #BE665E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE665E; -webkit-box-shadow:4px 4px  
4px 4px #BE665E; box-shadow:4px 4px 4px  
4px #BE665E }
```

Background

The CSS property to change the background color of an element to Decimal 12478046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE665E }
```

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

```
.background{ background-color:#BE665E }
```

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