

Converting Colors

Decimal(12014678)

Have a look what the booklet for
Decimal(12014678) contains.

Decimal(12014678)	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(12014678)

Conversions

Conversions Part 1

Format	Color
Hex	B75456
RGB	183, 84, 86
RGB Percent	72%, 33%, 34%
CMY	0.2824, 0.6706, 0.6627
CMYK	0.00, 0.54, 0.53, 0.28
HSL	359°, 41%, 52%
HSV	359°, 54%, 72%
XYZ	24.3785, 17.0798, 10.8159
YIQ	113.8290, 58.3620, 21.6100

Conversions

Conversions Part 2

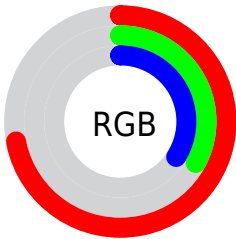
Format	Color
RYB	183, 84, 86
Decimal	12014678
CIELab	48.36, 40.27, 18.34
CIELCh	48, 44.247, 24.488
Yxy	17.0798, 0.4664, 0.3267
Android (android.graphics.Color)	4290204758 (0xFFB75456)
YUV	113.8290, -13.7197, 60.6630
Hunter-Lab	41.3277, 32.9704, 13.4125

Details

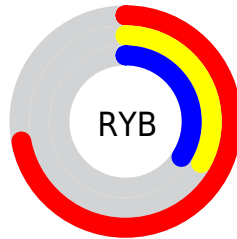
The Decimal color **12014678** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5552053**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **15960200**, and **8200233** is the 20% darker color. If you saturate the color by 10%, you get **12010052**, and if you desaturate by 10%, it is **12019304**.

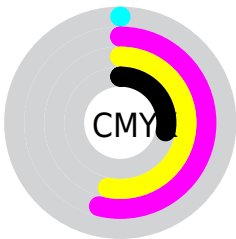
Distribution



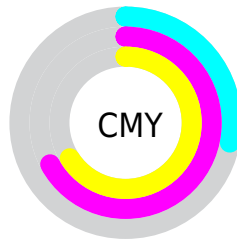
- Red (72%)
- Green (33%)
- Blue (34%)



- Red (72%)
- Yellow (33%)
- Blue (34%)



- Cyan (0%)
- Magenta (54%)
- Yellow (53%)
- Black (28%)

















- Cyan (28%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12014678 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 12014678 by changing the saturation by 10% instead.

 12014678	 12014678
 16777215	 10107455
 15960200	 8200233
 16753570	 6357013
 16760765	 4587520
 16768217	 2949121
 16775669	 0

 12014678	 12014678
 12010052	 12019304
 12005170	 12024186

 12000544

 12028812

 11995918

 12033438

 11993092

 12038320

 12042946

 12047572

 12052197

 12057079

Harmonies

Analogous

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



11752059



12014678



11100214

Triad

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



12014678



3834181



31165

Complementary

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



12014678



5552053

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.



33199



12014678



34154

Square

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



12014678



6912554



34193



6909111

Rectangle

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



12014678



9988648



34193



31931

Sweetspot

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



12014678



15583176



11818167



7889250



16250871



7895160

Same Dimension

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



12014678



15553366



12026452



6050643



10223619



1835009

Inverse Universe

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



12014678



15553366



5540279



6050643



10223619



1835009

Previews

White Background



This preview shows how the Decimal color 12014678 looks on a white background.

Color Contrast Check

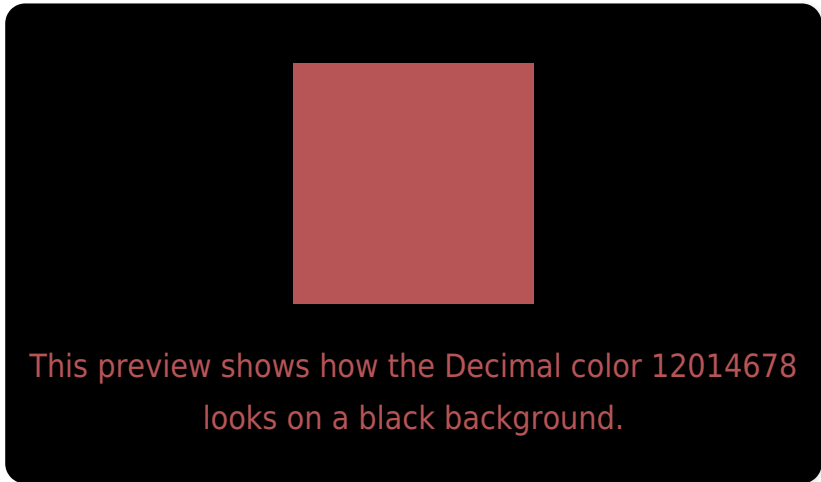
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Decimal 12014678 Background



This preview shows how black text looks on a background with the Decimal color 12014678.

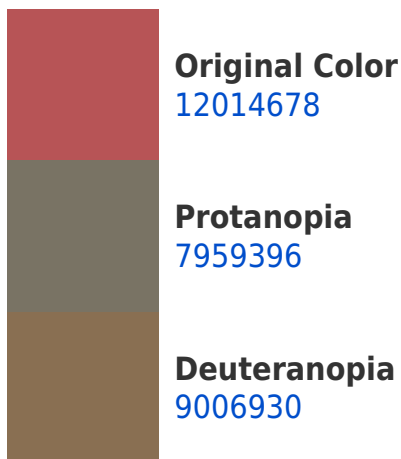


This preview shows how white text looks on a background with the Decimal color 12014678.

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
12014678

Protanomaly
9463903

Deuteranomaly
10118483

Tritanomaly
12014424

Monochromacy



Original Color
12014678

Achromatopsia
7500402

Achromatomaly
9135976

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12014678 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 #B75456 looks like.

```
.text, #text, p{  
  color:#B75456  
}
```

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 #B75456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B75456
}
```

Border

The CSS property to change the border of an element to Decimal 12014678 is called "border". The border property can be set on classes, ids or directly on the HTML element.

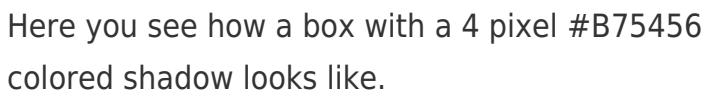
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B75456 }
```

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

```
.border{ border-color:#B75456 }
```

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



Here you see how a box with a 4 pixel #B75456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B75456; -webkit-box-shadow:4px 4px  
4px 4px #B75456; box-shadow:4px 4px 4px  
4px #B75456 }
```

Background

The CSS property to change the background color of an element to Decimal 12014678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B75456 }
```

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

```
.background{ background-color:#B75456 }
```

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