

Converting Colors

Decimal(12009774)

Have a look what the booklet for
Decimal(12009774) contains.

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Color

Decimal(12009774)

Conversions

Conversions Part 1

Format	Color
Hex	B7412E
RGB	183, 65, 46
RGB Percent	72%, 25%, 18%
CMY	0.2824, 0.7451, 0.8196
CMYK	0.00, 0.64, 0.75, 0.28
HSL	8°, 60%, 45%
HSV	8°, 75%, 72%
XYZ	21.9119, 14.0451, 4.1409
YIQ	98.1160, 76.4270, 19.1070

Conversions

Conversions Part 2

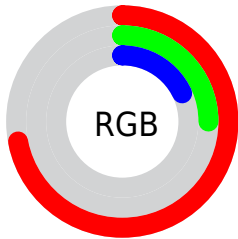
Format	Color
R_{YB}	183, 68, 46
Decimal	12009774
CIE _{Lab}	44.30, 46.68, 36.70
CIE _{LCh}	44, 59.383, 38.177
Yxy	14.0451, 0.5465, 0.3503
Android (android.graphics.Color)	4290199854 (0xFFB7412E)
YUV	98.1160, -25.6932, 74.4433
Hunter-Lab	37.4768, 38.7806, 19.6828

Details

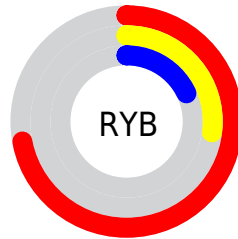
The Decimal color **12009774** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **3056823**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **16086621**, and **8060928** is the 20% darker color. If you saturate the color by 10%, you get **12005660**, and if you desaturate by 10%, it is **12013888**.

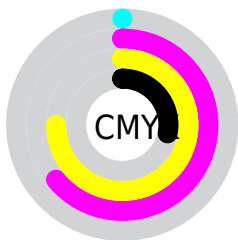
Distribution



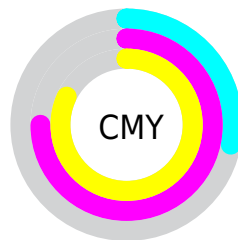
- Red (72%)
- Green (25%)
- Blue (18%)



- Red (72%)
- Yellow (27%)
- Blue (18%)



- Cyan (0%)
- Magenta (64%)
- Yellow (75%)
- Black (28%)



- Cyan (28%)
- Magenta (75%)
- Yellow (82%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12009774 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 12009774 by changing the saturation by 10% instead.

 12009774

 12009774

16777215

 10036504

 16086621

 8060928

 16748918

 6094848

 16756112

 4259840

 16763307

 2359297

 16770758

 0

 16777186

 12009774

 12009774

 12005660

 12013888

 12001545

 12018003

 11999488

 12021861

 12025975

 12030090

 12034204

 12038062

 12042176

 12046291

Harmonies

Analogous

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



12529757



12009774



10180864

Triad

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



12009774



31810



27339

Complementary

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



12009774



3056823

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.



30917



12009774



32629

Square

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



12009774



3962378



32421



8017335

Rectangle

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



12009774



8480256



32421



28876

Sweetspot

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



12009774



15581369



12005029



7888217



16250871



7895160

Same Dimension

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



12009774



15545624



12027182



6050899



10229248



1836032

Inverse Universe

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



3056823



1626349



3039415



5462876



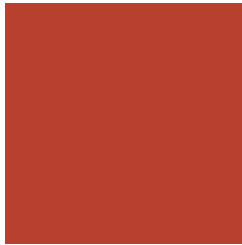
34460



6172

Previews

White Background



This preview shows how the Decimal color 12009774 looks on a white background.

Color Contrast Check

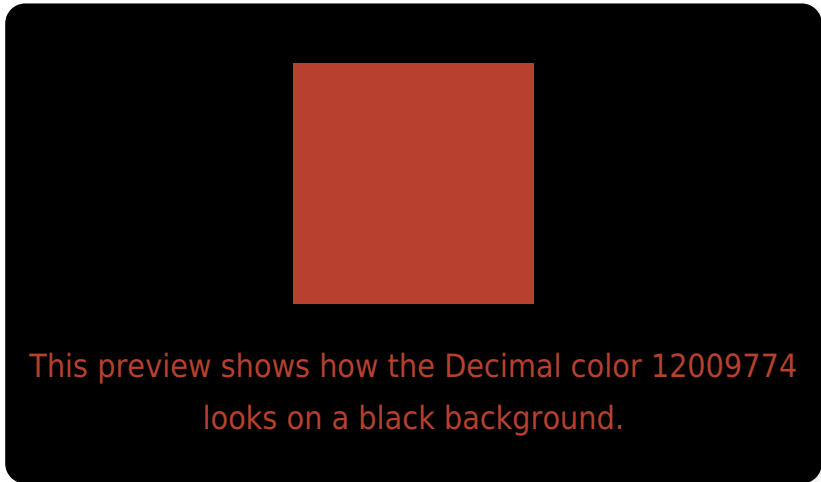
Large Text (above 18pt) WCAG AA ✓ Pass

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 12009774 Background



This preview shows how black text looks on a background with the Decimal color 12009774.



This preview shows how white text looks on a background with the Decimal color 12009774.

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
12009774

Protanopia
7629371

Deuteranopia
8676390

Trichromacy



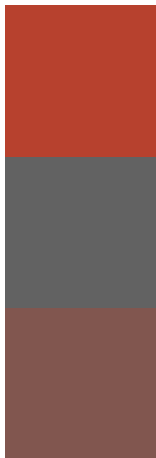
Original Color
12009774

Protanomaly
9198390

Deuteranomaly
9918249

Tritanomaly
12074811

Monochromacy



Original Color
12009774

Achromatopsia
6447714

Achromatomaly
8476239

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12009774 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 #B7412E looks like.

```
.text, #text, p{  
    color:#B7412E  
}
```

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 #B7412E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7412E
}
```

Border

The CSS property to change the border of an element to Decimal 12009774 is called "border". The border property can be set on classes, ids or directly on the HTML element.

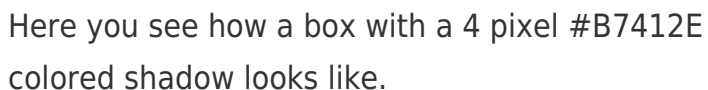
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7412E }
```

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

```
.border{ border-color:#B7412E }
```

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



Here you see how a box with a 4 pixel #B7412E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7412E; -webkit-box-shadow:4px 4px  
4px 4px #B7412E; box-shadow:4px 4px 4px  
4px #B7412E }
```

Background

The CSS property to change the background color of an element to Decimal 12009774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7412E }
```

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

```
.background{ background-color:#B7412E }
```

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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