

# Converting Colors

Decimal(12204049)

Have a look what the booklet for  
Decimal(12204049) contains.

<b>Decimal(12204049)</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(12204049)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA3811
RGB	186, 56, 17
RGB Percent	73%, 22%, 7%
CMY	0.2706, 0.7804, 0.9333
CMYK	0.00, 0.70, 0.91, 0.27
HSL	14°, 83%, 40%
HSV	14°, 91%, 73%
XYZ	21.7651, 13.3079, 1.9519
YIQ	90.4240, 89.9990, 15.4310

# Conversions

## Conversions Part 2

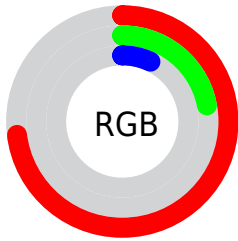
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 68, 17
Decimal	12204049
CIE <sub>Lab</sub>	43.22, 50.62, 49.77
CIE <sub>LCh</sub>	43, 70.990, 44.511
Yxy	13.3079, 0.5879, 0.3594
Android (android.graphics.Color)	4290394129 (0xFFBA3811)
YUV	90.4240, -36.1980, 83.8202
Hunter-Lab	36.4800, 42.6583, 22.3637

# Details

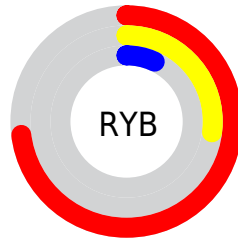
The Decimal color **12204049** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **1151930**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **16346690**, and **8126464** is the 20% darker color. If you saturate the color by 10%, you get **12200704**, and if you desaturate by 10%, it is **12207652**.

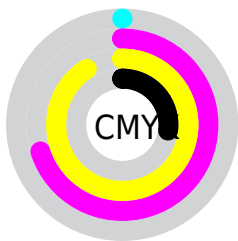
# Distribution



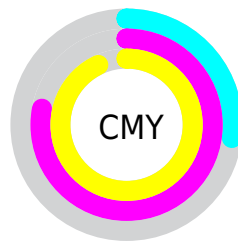
- Red (73%)
- Green (22%)
- Blue (7%)



- Red (73%)
- Yellow (27%)
- Blue (7%)



- Cyan (0%)
- Magenta (70%)
- Yellow (91%)
- Black (27%)



- Cyan (27%)
- Magenta (78%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12204049 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 12204049 by changing the saturation by 10% instead.



 12204049	 12204049
 16777214	 10164480
 16346690	 8126464
 16747099	 6160384
 16754036	 4259841
 16761486	 2293761
 16768681	 0
 16776389	
 16777185	
 12204049	 12204049

■ 12200704

■ 12207652

■ 12211510

■ 12215113

■ 12218715

■ 12222574

■ 12226177

■ 12229779

■ 12233382

■ 12237240

# Harmonies

## Analogous

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



13240397



12204049



9787392

# Triad

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



12204049



32068



25818

# Complementary

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



12204049



1151930

# 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.



30425



12204049



32642

# Square

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



12204049



30720



32184



9062075

# Rectangle

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



12204049



7694080



32184



27613



# Sweetspot

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



12204049



15909041



12194197



8019027



16448250



8026746



# Same Dimension

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



12204049



15874048



12225041



6051155



10232832



1836544



# Inverse Universe

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



1151930



47858



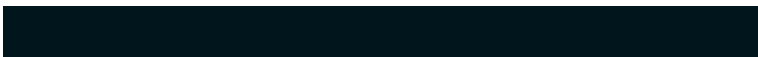
1130938



5462620



30876



5660



# Previews

## White Background



This preview shows how the Decimal color 12204049 looks on a white background.

## Color Contrast Check

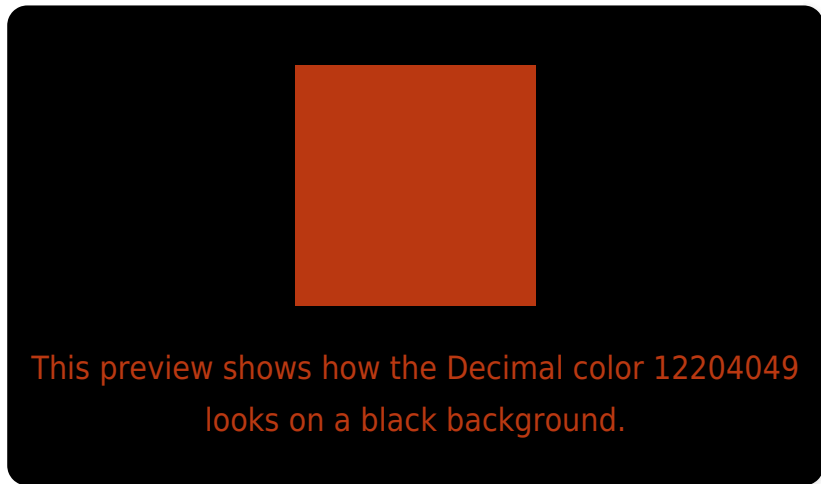
Large Text (above 18pt) WCAG AA ✓ Pass

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 12204049 Background



This preview shows how black text looks on a background with the Decimal color 12204049.



This preview shows how white text looks on a background with the Decimal color 12204049.

# 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



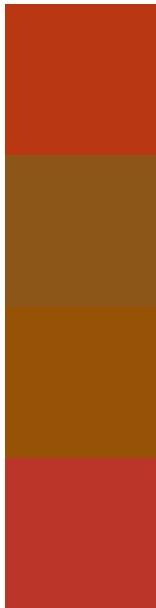
**Original Color**  
12204049

**Protanopia**  
7628573

**Deuteranopia**  
8544768



# Trichromacy



**Original Color**  
12204049

**Protanomaly**  
9262617

**Deuteranomaly**  
9851654

**Tritanomaly**  
12268841

# Monochromacy



**Original Color**  
12204049

**Achromatopsia**  
5921370

**Achromatomaly**  
8212031

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12204049 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 #BA3811 looks like.

```
.text, #text, p{  
    color:#BA3811  
}
```

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 #BA3811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA3811
}
```

## Border

The CSS property to change the border of an element to Decimal 12204049 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
#BA3811 }
```

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

```
.border{ border-color:#BA3811 }
```

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

Here you see how a box with a 4 pixel #BA3811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA3811; -webkit-box-shadow:4px 4px  
4px 4px #BA3811; box-shadow:4px 4px 4px  
4px #BA3811 }
```

# Background

The CSS property to change the background color of an element to Decimal 12204049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA3811 }
```

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

```
.background{ background-color:#BA3811 }
```

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