

Converting Colors

Decimal(12075794)

Have a look what the booklet for
Decimal(12075794) contains.

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Color

Decimal(12075794)

Conversions

Conversions Part 1

Format	Color
Hex	B84312
RGB	184, 67, 18
RGB Percent	72%, 26%, 7%
CMY	0.2784, 0.7373, 0.9294
CMYK	0.00, 0.64, 0.90, 0.28
HSL	18°, 82%, 40%
HSV	18°, 90%, 72%
XYZ	21.8835, 14.2483, 2.1691
YIQ	96.3970, 85.4610, 9.5650

Conversions

Conversions Part 2

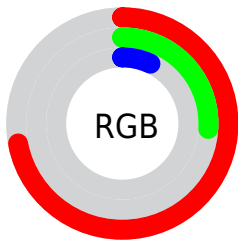
Format	Color
R_{YB}	184, 88, 18
Decimal	12075794
CIE Lab	44.59, 45.30, 50.24
CIE LCh	45, 67.651, 47.961
Yxy	14.2483, 0.5714, 0.3720
Android (android.graphics.Color)	4290265874 (0xFFB84312)
YUV	96.3970, -38.6497, 76.8278
Hunter-Lab	37.7470, 37.4268, 23.0158

Details

The Decimal color **12075794** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1214392**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **16218180**, and **8062208** is the 20% darker color. If you saturate the color by 10%, you get **12072448**, and if you desaturate by 10%, it is **12079140**.

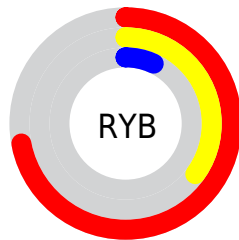
Distribution



Red (72%)

Green (26%)

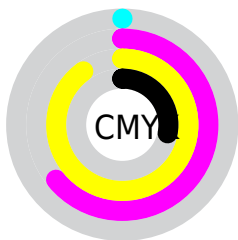
Blue (7%)



Red (72%)

Yellow (35%)

Blue (7%)

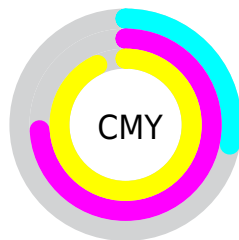


Cyan (0%)

Magenta (64%)

Yellow (90%)

Black (28%)



Cyan (28%)

Magenta (74%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12075794 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 12075794 by changing the saturation by 10% instead.

 12075794	 12075794
 16777215	 10037248
 16218180	 8062208
 16749405	 6094848
 16756342	 4194304
 16763537	 2359297
 16770988	 0
 16777159	
 16777188	
 12075794	 12075794

12072448

12079140

12082487

12085833

12089180

12092526

12095872

12099219

12102565

12105912

Harmonies

Analogous

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



13247307



12075794



9658112

Triad

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



12075794



32848



1336790

Complementary

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



12075794



1214392

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.



30681



12075794



33419

Square

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



12075794



31503



32957



9717686

Rectangle

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



12075794



7564288



32957



27866

Sweetspot

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



12075794



15778479



12063369



7888209



16250871



7895160

Same Dimension

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



12075794



15746816



12096530



6051155



10235392



1837056

Inverse Universe

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



1214392



43504



1193656



5462364



28316



5148

Previews

White Background



This preview shows how the Decimal color 12075794 looks on a white background.

Color Contrast Check

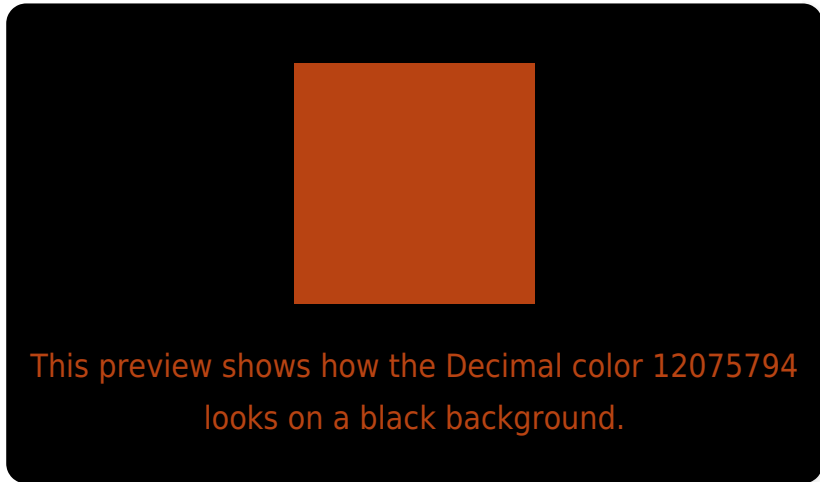
Large Text (above 18pt) WCAG AA ✓ Pass

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 12075794 Background



This preview shows how black text looks on a background with the Decimal color 12075794.



This preview shows how white text looks on a background with the Decimal color 12075794.

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

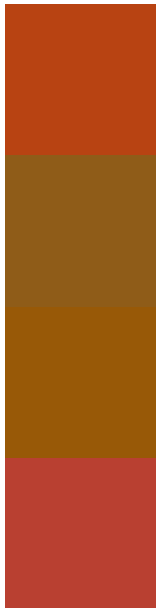


Original Color
12075794

Protanopia
7826204

Deuteranopia
8807680

Trichromacy



Original Color
12075794

Protanomaly
9395224

Deuteranomaly
9984263

Tritanomaly
12140593

Monochromacy



Original Color
12075794

Achromatopsia
6316128

Achromatomaly
8410436

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12075794 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 #B84312 looks like.

```
.text, #text, p{  
    color:#B84312  
}
```

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 #B84312 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84312
}
```

Border

The CSS property to change the border of an element to Decimal 12075794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

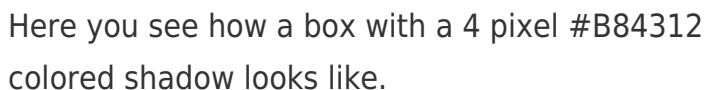
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B84312 }
```

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

```
.border{ border-color:#B84312 }
```

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



Here you see how a box with a 4 pixel #B84312 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84312; -webkit-box-shadow:4px 4px  
4px 4px #B84312; box-shadow:4px 4px 4px  
4px #B84312 }
```

Background

The CSS property to change the background color of an element to Decimal 12075794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84312 }
```

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

```
.background{ background-color:#B84312 }
```

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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