

Converting Colors

Decimal(12536838)

Have a look what the booklet for
Decimal(12536838) contains.

Decimal(12536838)	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(12536838)

Conversions

Conversions Part 1

Format	Color
Hex	BF4C06
RGB	191, 76, 6
RGB Percent	75%, 30%, 2%
CMY	0.2510, 0.7020, 0.9765
CMYK	0.00, 0.60, 0.97, 0.25
HSL	23°, 94%, 39%
HSV	23°, 97%, 75%
XYZ	24.1032, 16.2584, 2.0401
YIQ	102.4050, 91.0100, 2.6100

Conversions

Conversions Part 2

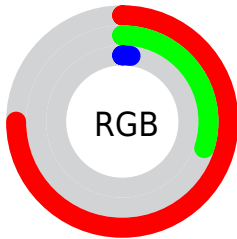
Format	Color
RYB	191, 119, 6
Decimal	12536838
CIELab	47.31, 43.59, 56.04
CIElCh	47, 70.993, 52.124
Yxy	16.2584, 0.5684, 0.3834
Android (android.graphics.Color)	4290726918 (0xFFBF4C06)
YUV	102.4050, -47.5277, 77.6978
Hunter-Lab	40.3217, 36.1393, 25.2254

Details

The Decimal color **12536838** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **424383**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **16678974**, and **8459520** is the 20% darker color. If you saturate the color by 10%, you get **12535808**, and if you desaturate by 10%, it is **12539929**.

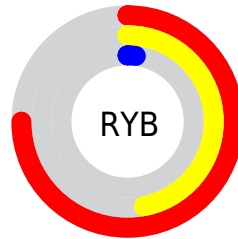
Distribution



Red (75%)

Green (30%)

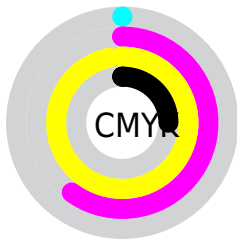
Blue (2%)



Red (75%)

Yellow (47%)

Blue (2%)

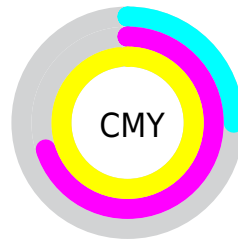


Cyan (0%)

Magenta (60%)

Yellow (97%)

Black (25%)



Cyan (25%)

Magenta (70%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12536838 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 12536838 by changing the saturation by 10% instead.

 12536838

 12536838

16777212

 10498560

 16678974

 8459520

 16751704

 6488064

 16758642

 4587520

 16765836

 2883585

 16773287

 0

 16777155

 16777183

 12536838

 12536838

■ 12535808

■ 12539929

■ 12543020

■ 12546111

■ 12548946

■ 12552037

■ 12555129

■ 12558220

■ 12561311

■ 12564402

Harmonies

Analogous

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



14035271



12536838



9791488

Triad

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



12536838



35166



4155360

Complementary

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



12536838



424383

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.



32232



12536838



35484

Square

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



12536838



33820



34766



10962875

Rectangle

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



12536838



7501056



34766



28903

Sweetspot

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



12536838



16239536



12519035



8217169



16579836



8224125

Same Dimension

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



12536838



16211456



12559878



6182997



10370048



2034688

Inverse Universe

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



424383



39671



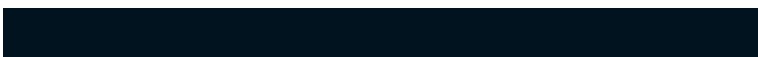
401343



5593950



25246



4895

Previews

White Background



This preview shows how the Decimal color 12536838 looks on a white background.

Color Contrast Check

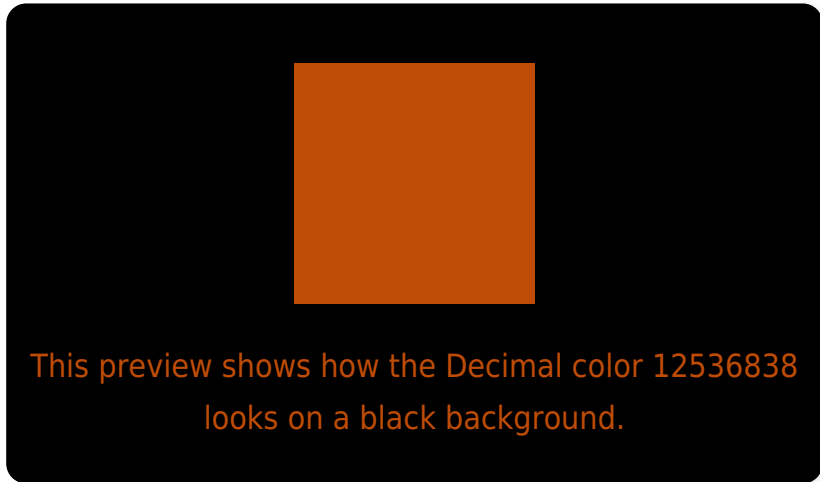
Large Text (above 18pt) WCAG AA ✓ Pass

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 12536838 Background



This preview shows how black text looks on a background with the Decimal color 12536838.



This preview shows how white text looks on a background with the Decimal color 12536838.

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

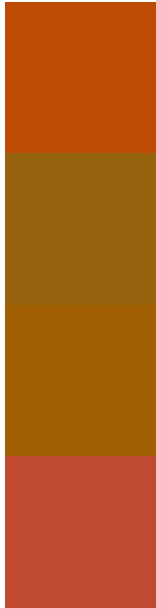


Original Color
12536838

Protanopia
8352020

Deuteranopia
9399040

Trichromacy



Original Color
12536838

Protanomaly
9856015

Deuteranomaly
10510338

Tritanomaly
12601650

Monochromacy



Original Color
12536838

Achromatopsia
6710886

Achromatomaly
8805699

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12536838 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 #BF4C06 looks like.

```
.text, #text, p{  
  color:#BF4C06  
}
```

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 #BF4C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF4C06
}
```

Border

The CSS property to change the border of an element to Decimal 12536838 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
#BF4C06 }
```

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

```
.border{ border-color:#BF4C06 }
```

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

Here you see how a box with a 4 pixel #BF4C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF4C06; -webkit-box-shadow:4px 4px  
4px 4px #BF4C06; box-shadow:4px 4px 4px  
4px #BF4C06 }
```

Background

The CSS property to change the background color of an element to Decimal 12536838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF4C06 }
```

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

```
.background{ background-color:#BF4C06 }
```

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