

Converting Colors

Decimal(15436291)

Have a look what the booklet for
Decimal(15436291) contains.

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Color

Decimal(15436291)

Conversions

Conversions Part 1

Format	Color
Hex	EB8A03
RGB	235, 138, 3
RGB Percent	92%, 54%, 1%
CMY	0.0784, 0.4588, 0.9882
CMYK	0.00, 0.41, 0.99, 0.08
HSL	35°, 97%, 47%
HSV	35°, 99%, 92%
XYZ	43.3659, 35.8457, 4.7194
YIQ	151.6130, 101.1470, -21.4210

Conversions

Conversions Part 2

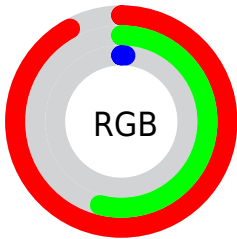
Format	Color
RYB	170, 235, 3
Decimal	15436291
CIELab	66.40, 29.74, 71.82
CIElCh	66, 77.733, 67.504
Yxy	35.8457, 0.5167, 0.4271
Android (android.graphics.Color)	4293626371 (0xFFEB8A03)
YUV	151.6130, -73.2662, 73.1304
Hunter-Lab	59.8713, 24.5161, 37.2363

Details

The Decimal color **15436291** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **222443**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16760906**, and **11294464** is the 20% darker color. If you saturate the color by 10%, you get **15436032**, and if you desaturate by 10%, it is **15438874**.

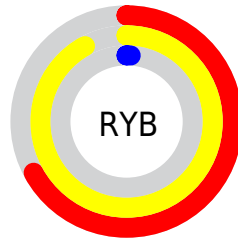
Distribution



Red (92%)

Green (54%)

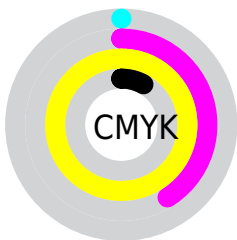
Blue (1%)



Red (67%)

Yellow (92%)

Blue (1%)

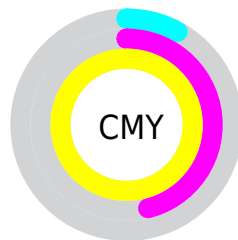


Cyan (0%)

Magenta (41%)

Yellow (99%)

Black (8%)



Cyan (8%)




















Magenta (46%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15436291 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 15436291 by changing the saturation by 10% instead.

 15436291	 15436291
16777215	 13332480
 16760906	 11294464
 16768102	 9322240
 16775554	 7350272
 16777117	 5443584
 16777146	 3604480
 16777175	 1769473
 16777204	 0
 15436291	 15436291

■ 15436032

■ 15438874

■ 15441458

■ 15443785

■ 15446369

■ 15448952

■ 15451536

■ 15454119

■ 15456703

■ 15459030

Harmonies

Analogous

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



16738896



15436291



11707392

Triad

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



15436291



49586



12093183

Complementary

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



15436291



222443

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.



42239



15436291



49397

Square

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



15436291



48745



47103



16737496

Rectangle

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



15436291



8564736



47103



9540095

Sweetspot

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



15436291



16768947



15401832



8416338



0



8421504

Same Dimension

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



15436291



16749568



14478083



7696490



11888896



3546880

Inverse Universe

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



222443



27647



1180651



6975093



19637



5686

Previews

White Background



This preview shows how the Decimal color 15436291 looks on a white background.

Color Contrast Check

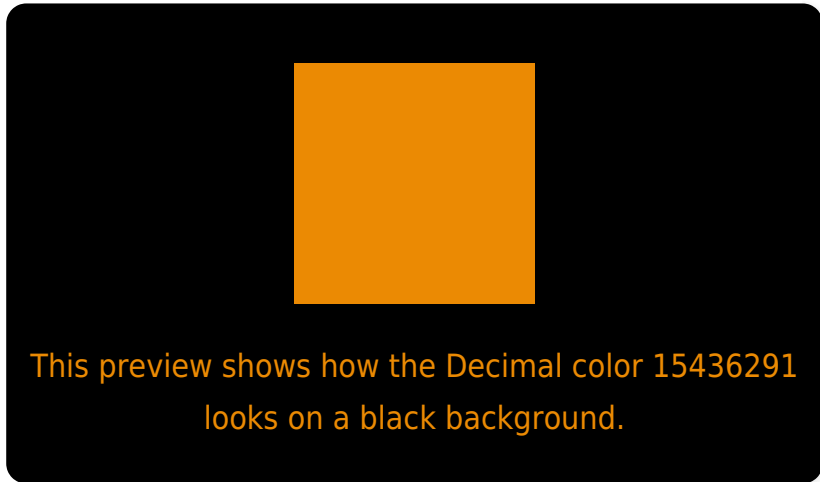
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 ✓ Pass

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

Decimal 15436291 Background



This preview shows how black text looks on a background with the Decimal color 15436291.



This preview shows how white text looks on a background with the Decimal color 15436291.

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
15436291

Protanopia
12034578

Deuteranopia
13474304

Trichromacy



Original Color
15436291

Protanomaly
13277453

Deuteranomaly
14193665

Tritanomaly
15631449

Monochromacy



Original Color
15436291

Achromatopsia
10000536

Achromatomaly
11965282

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15436291 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 #EB8A03 looks like.

```
.text, #text, p{  
  color:#EB8A03  
}
```

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 #EB8A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8A03
}
```

Border

The CSS property to change the border of an element to Decimal 15436291 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
#EB8A03 }
```

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

```
.border{ border-color:#EB8A03 }
```

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

Here you see how a box with a 4 pixel #EB8A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8A03; -webkit-box-shadow:4px 4px  
4px 4px #EB8A03; box-shadow:4px 4px 4px  
4px #EB8A03 }
```

Background

The CSS property to change the background color of an element to Decimal 15436291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8A03 }
```

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

```
.background{ background-color:#EB8A03 }
```

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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