

Converting Colors

Decimal(15312199)

Have a look what the booklet for
Decimal(15312199) contains.

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Color

Decimal(15312199)

Conversions

Conversions Part 1

Format	Color
Hex	E9A547
RGB	233, 165, 71
RGB Percent	91%, 65%, 28%
CMY	0.0863, 0.3529, 0.7216
CMYK	0.00, 0.29, 0.70, 0.09
HSL	35°, 79%, 60%
HSV	35°, 70%, 91%
XYZ	48.1967, 44.6888, 12.0468
YIQ	174.6160, 70.7020, -14.8180

Conversions

Conversions Part 2

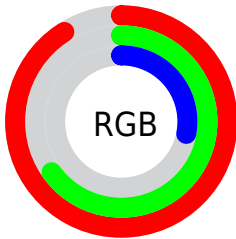
Format	Color
RYB	188, 233, 71
Decimal	15312199
CIELab	72.69, 16.45, 56.89
CIELCh	73, 59.223, 73.877
Yxy	44.6888, 0.4593, 0.4259
Android (android.graphics.Color)	4293502279 (0xFFE9A547)
YUV	174.6160, -51.0827, 51.2028
Hunter-Lab	66.8497, 11.7064, 36.1103

Details

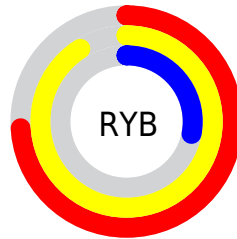
The Decimal color **15312199** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4688873**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16768124**, and **11366669** is the 20% darker color. If you saturate the color by 10%, you get **15309616**, and if you desaturate by 10%, it is **15314782**.

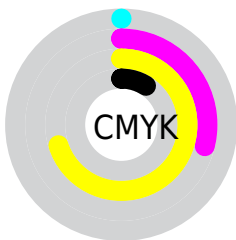
Distribution



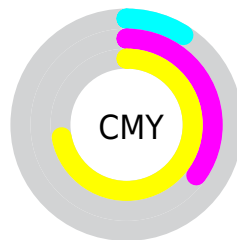
- Red (91%)
- Green (65%)
- Blue (28%)



- Red (74%)
- Yellow (91%)
- Blue (28%)



- Cyan (0%)
- Magenta (29%)
- Yellow (70%)
- Black (9%)




















- Cyan (9%)
- Magenta (35%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15312199 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 15312199 by changing the saturation by 10% instead.

 15312199	 15312199
16777215	 13339436
 16768124	 11366669
 16775319	 9459968
 16777138	 7553280
 16777166	 5712640
 16777195	 3937792
	 2359296
	 0
 15312199	 15312199

15309616

15314782

15307032

15317366

15304705

15319693

15304448

15322276

15324860

15327443

15329770

15332351

15334911

Harmonies

Analogous

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



16748649



15312199



12171074

Triad

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



15312199



52683



14064383

Complementary

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



15312199



4688873

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.



8433919



15312199



51964

Square

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



15312199



52114



49407



16746450

Rectangle

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



15312199



9617747



49407



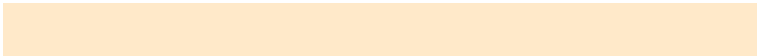
12493311

Sweetspot

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



15312199



16771529



15288205



8417888



0



8421504

Same Dimension

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



15312199



16754219



14608711



7696490



11888896



3546880

Inverse Universe

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



4688873



2852095



5392361



6975093



19637



5686

Previews

White Background



This preview shows how the Decimal color 15312199 looks on a white background.

Color Contrast Check

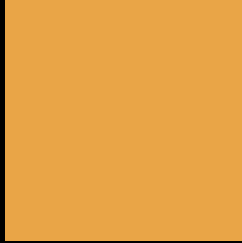
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 15312199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

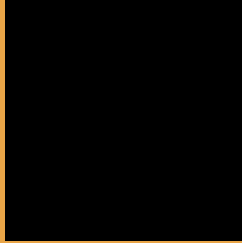
Any Text WCAG AA ✓ Pass

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 15312199 Background



This preview shows how black text looks on a background with the Decimal color 15312199.



This preview shows how white text looks on a background with the Decimal color 15312199.

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](#).

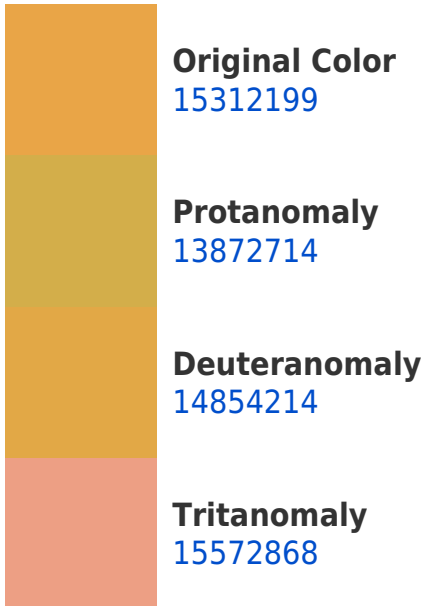
Dichromacy





Tritanopia
15702951

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15312199 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 #E9A547 looks like.

```
.text, #text, p{  
  color:#E9A547  
}
```

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 #E9A547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9A547
}
```

Border

The CSS property to change the border of an element to Decimal 15312199 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
#E9A547 }
```

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

```
.border{ border-color:#E9A547 }
```

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

Here you see how a box with a 4 pixel #E9A547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9A547; -webkit-box-shadow:4px 4px  
4px 4px #E9A547; box-shadow:4px 4px 4px  
4px #E9A547 }
```

Background

The CSS property to change the background color of an element to Decimal 15312199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9A547 }
```

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

```
.background{ background-color:#E9A547 }
```

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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