

Converting Colors

Decimal(15242315)

Have a look what the booklet for
Decimal(15242315) contains.

Decimal(15242315)	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(15242315)

Conversions

Conversions Part 1

Format	Color
Hex	E8944B
RGB	232, 148, 75
RGB Percent	91%, 58%, 29%
CMY	0.0902, 0.4196, 0.7059
CMYK	0.00, 0.36, 0.68, 0.09
HSL	28°, 77%, 60%
HSV	28°, 68%, 91%
XYZ	45.1386, 38.8436, 11.7751
YIQ	164.7940, 73.4970, -4.8950

Conversions

Conversions Part 2

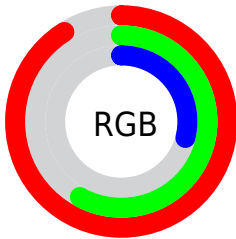
Format	Color
RYB	232, 211, 75
Decimal	15242315
CIELab	68.64, 25.28, 50.64
CIELCh	69, 56.600, 63.472
Yxy	38.8436, 0.4714, 0.4056
Android (android.graphics.Color)	4293432395 (0xFFE8944B)
YUV	164.7940, -44.2684, 58.9397
Hunter-Lab	62.3246, 20.2105, 32.4255

Details

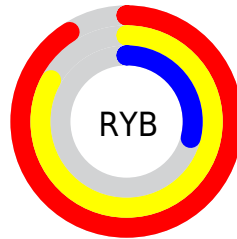
The Decimal color **15242315** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **4956136**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16763518**, and **11297048** is the 20% darker color. If you saturate the color by 10%, you get **15239220**, and if you desaturate by 10%, it is **15245410**.

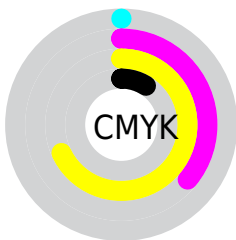
Distribution



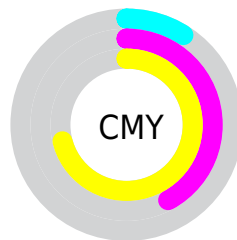
- Red (91%)
- Green (58%)
- Blue (29%)



- Red (91%)
- Yellow (83%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (68%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15242315 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 15242315 by changing the saturation by 10% instead.

 15242315  15242315

16777215  13269554

 16763518  11297048

 16770969  9324800

 16777141  7418112

 16777169  5577472

 16777197  3736576

 2162689

 0

 15242315  15242315

15239220

15245410

15235869

15248761

15232773

15251857

15232000

15255208

15258303

15261398

15264749

15267839

15269887

Harmonies

Analogous

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



16745074



15242315



12494651

Triad

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



15242315



49580



11704317

Complementary

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



15242315



4956136

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.



4959231



15242315



49118

Square

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



15242315



4111736



47615



15434710

Rectangle

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



15242315



10268996



47615



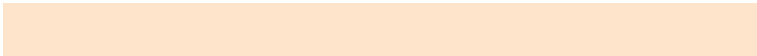
9936639

Sweetspot

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



15242315



16770252



15223713



8417121



0



8421504

Same Dimension

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



15242315



16748592



15261771



7564647



11752192



3348480

Inverse Universe

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



4956136



3186687



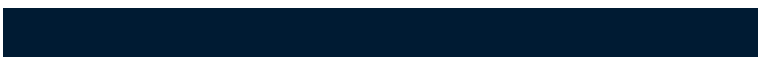
4936680



6778227



24755



6963

Previews

White Background



This preview shows how the Decimal color 15242315 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 15242315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

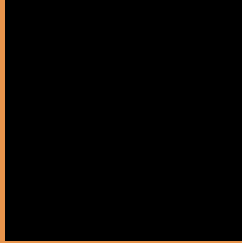
Any Text WCAG AA ✓ Pass

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 15242315 Background



This preview shows how black text looks on a background with the Decimal color 15242315.



This preview shows how white text looks on a background with the Decimal color 15242315.

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
15242315

Protanopia
12232785

Deuteranopia
13672520



Tritanopia
15568022

Trichromacy



Original Color
15242315

Protanomaly
13345103

Deuteranomaly
14261321

Tritanomaly
15437691

Monochromacy



Original Color
15242315

Achromatopsia
10855845

Achromatomaly
12427140

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15242315 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 #E8944B looks like.

```
.text, #text, p{  
    color:#E8944B  
}
```

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 #E8944B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8944B
}
```

Border

The CSS property to change the border of an element to Decimal 15242315 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
#E8944B }
```

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

```
.border{ border-color:#E8944B }
```

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

Here you see how a box with a 4 pixel #E8944B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8944B; -webkit-box-shadow:4px 4px  
4px 4px #E8944B; box-shadow:4px 4px 4px  
4px #E8944B }
```

Background

The CSS property to change the background color of an element to Decimal 15242315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8944B }
```

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

```
.background{ background-color:#E8944B }
```

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