

Converting Colors

Decimal(15315022)

Have a look what the booklet for
Decimal(15315022) contains.

Decimal(15315022)	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(15315022)

Conversions

Conversions Part 1

Format	Color
Hex	E9B04E
RGB	233, 176, 78
RGB Percent	91%, 69%, 31%
CMY	0.0863, 0.3098, 0.6941
CMYK	0.00, 0.24, 0.67, 0.09
HSL	38°, 78%, 61%
HSV	38°, 67%, 91%
XYZ	50.5048, 48.9244, 13.9892
YIQ	181.8710, 65.4300, -18.3940

Conversions

Conversions Part 2

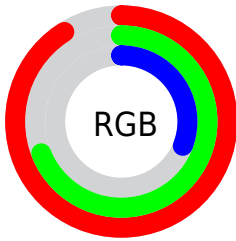
Format	Color
RYB	168, 233, 78
Decimal	15315022
CIELab	75.40, 11.00, 56.67
CIELCh	75, 57.731, 79.019
Yxy	48.9244, 0.4453, 0.4314
Android (android.graphics.Color)	4293505102 (0xFFE9B04E)
YUV	181.8710, -51.2084, 44.8401
Hunter-Lab	69.9460, 6.4812, 37.1042

Details

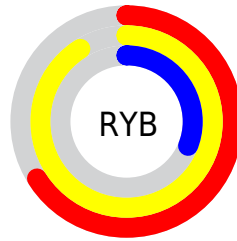
The Decimal color **15315022** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5146601**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16770947**, and **11369495** is the 20% darker color. If you saturate the color by 10%, you get **15312695**, and if you desaturate by 10%, it is **15317349**.

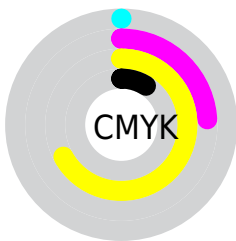
Distribution



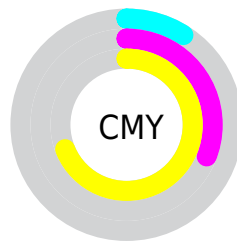
- Red (91%)
- Green (69%)
- Blue (31%)



- Red (66%)
- Yellow (91%)
- Blue (31%)



- Cyan (0%)
- Magenta (24%)
- Yellow (67%)
- Black (9%)




















- Cyan (9%)
- Magenta (31%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15315022 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 15315022 by changing the saturation by 10% instead.

 15315022	 15315022
16777215	 13342004
 16770947	 11369495
 16777118	 9462528
 16777146	 7621376
 16777174	 5780736
 16777203	 4005888
	 2361856
	 0
 15315022	 15315022

15312695

15317349

15310623

15319421

15308296

15321748

15307520

15323819

15326147

15328218

15330545

15332863

15334911

Harmonies

Analogous

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



16751723



15315022



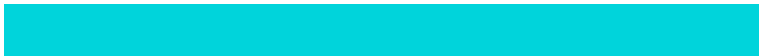
12042576

Triad

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



15315022



54491



15245055

Complementary

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



15315022



5146601

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.



10269695



15315022



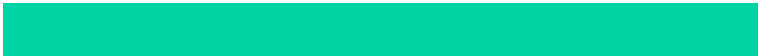
53503

Square

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



15315022



54180



50687



16748240

Rectangle

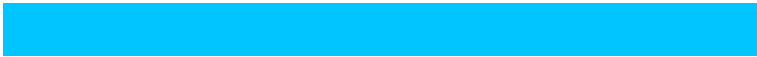
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15315022



9488995



50687



13870591

Sweetspot

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



15315022



16772300



15289993



8418401



0



8421504

Same Dimension

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



15315022



16757811



14149966



7696746



11891200



3547648

Inverse Universe

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



5146601



3374847



6311657



6975093



17333



5174

Previews

White Background



This preview shows how the Decimal color 15315022 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 15315022 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 15315022 Background



This preview shows how black text looks on a background with the Decimal color 15315022.



This preview shows how white text looks on a background with the Decimal color 15315022.

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
15315022

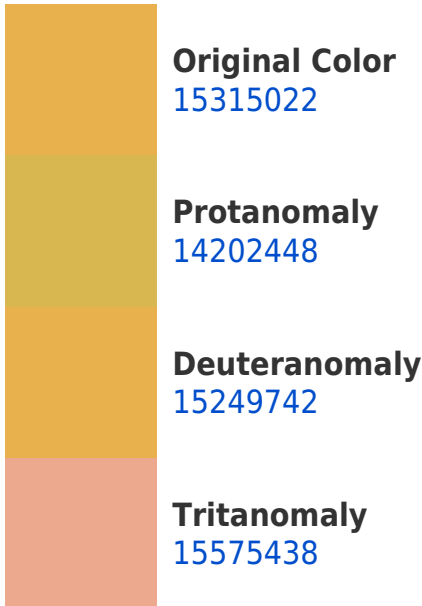
Protanopia
13613649

Deuteranopia
15184206



Tritanopia
15771058

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15315022 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 #E9B04E looks like.

```
.text, #text, p{  
    color:#E9B04E  
}
```

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 #E9B04E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9B04E
}
```

Border

The CSS property to change the border of an element to Decimal 15315022 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
#E9B04E }
```

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

```
.border{ border-color:#E9B04E }
```

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

Here you see how a box with a 4 pixel #E9B04E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9B04E; -webkit-box-shadow:4px 4px  
4px 4px #E9B04E; box-shadow:4px 4px 4px  
4px #E9B04E }
```

Background

The CSS property to change the background color of an element to Decimal 15315022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9B04E }
```

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

```
.background{ background-color:#E9B04E }
```

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