

# Converting Colors

Decimal(15253298)

Have a look what the booklet for  
Decimal(15253298) contains.

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# **Color**

**Decimal(15253298)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8BF32
RGB	232, 191, 50
RGB Percent	91%, 75%, 20%
CMY	0.0902, 0.2510, 0.8039
CMYK	0.00, 0.18, 0.78, 0.09
HSL	46°, 80%, 55%
HSV	46°, 78%, 91%
XYZ	52.4852, 54.6477, 10.7994
YIQ	187.1850, 69.6970, -35.1590

# Conversions

## Conversions Part 2

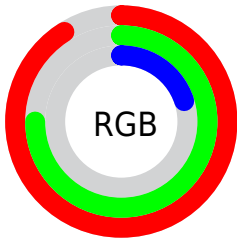
Format	Color
<a href="#">RYB</a>	<a href="#">103, 232, 50</a>
Decimal	<a href="#">15253298</a>
<a href="#">CIELab</a>	<a href="#">78.84, 1.42, 70.94</a>
<a href="#">CIELCh</a>	<a href="#">79, 70.949, 88.851</a>
<a href="#">Yxy</a>	<a href="#">54.6477, 0.4450, 0.4634</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293443378 (0xFFE8BF32)</a>
<a href="#">YUV</a>	<a href="#">187.1850, -67.6322, 39.3028</a>
<a href="#">Hunter-Lab</a>	<a href="#">73.9241, -2.6342, 43.0853</a>

# Details

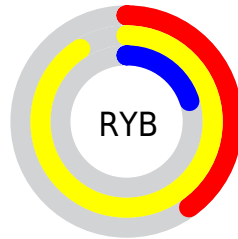
The Decimal color **15253298** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **3300328**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **16775020**, and **11307520** is the 20% darker color. If you saturate the color by 10%, you get **15251995**, and if you desaturate by 10%, it is **15254601**.

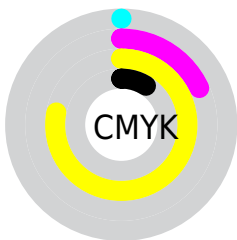
# Distribution



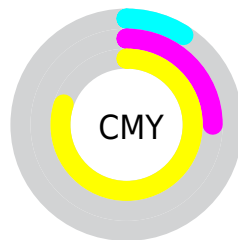
- Red (91%)
- Green (75%)
- Blue (20%)



- Red (40%)
- Yellow (91%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (78%)
- Black (9%)






















- Cyan (9%)
- Magenta (25%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15253298 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 15253298 by changing the saturation by 10% instead.



 15253298	 15253298
 16777215	 13280265
 16775020	 11307520
 16777096	 9400576
 16777124	 7493888
 16777152	 5652992
 16777181	 3877888
 16777211	 2234368
	 0
 15253298	 15253298

 15251995

 15254601

 15250692

 15255904

 15250432

 15257464

 15258767

 15260070

 15261373

 15262932

 15264236

 15265535

# Harmonies

## Analogous

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



16754257



15253298



10998342

# Triad

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



15253298



58111



16750591

# Complementary

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



15253298



3300328

# 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.



12563455



15253298



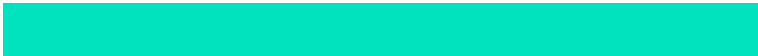
56319

# Square

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



15253298



58302



52223



16746184

# Rectangle

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



15253298



7330407



52223



16490751



# Sweetspot

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



15253298



16773570



15217244



8419163



0



8421504



# Same Dimension

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



15253298



16763151



12052530



7565415



11766272



3352576



# Inverse Universe

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



3300328



1000959



6501096



6777459



10419



2867



# Previews

## White Background



This preview shows how the Decimal color 15253298 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 15253298 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 15253298 Background



This preview shows how black text looks on a background with the Decimal color 15253298.



This preview shows how white text looks on a background with the Decimal color 15253298.

# 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**  
15253298

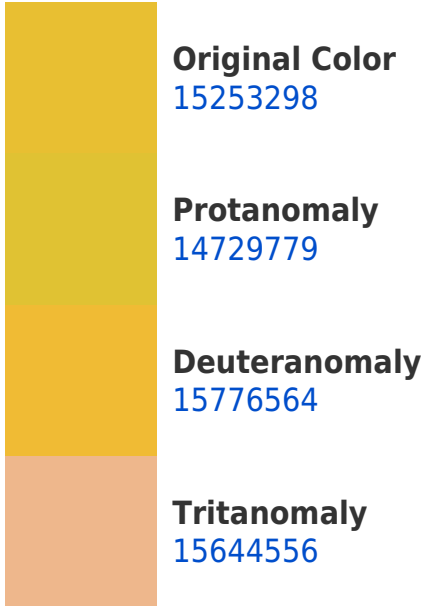
**Protanopia**  
14402611

**Deuteranopia**  
16103733



**Tritanopia**  
15905472

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15253298 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 #E8BF32 looks like.

```
.text, #text, p{  
    color:#E8BF32  
}
```

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 #E8BF32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8BF32
}
```

## Border

The CSS property to change the border of an element to Decimal 15253298 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
#E8BF32 }
```

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

```
.border{ border-color:#E8BF32 }
```

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

Here you see how a box with a 4 pixel #E8BF32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8BF32; -webkit-box-shadow:4px 4px  
4px 4px #E8BF32; box-shadow:4px 4px 4px  
4px #E8BF32 }
```

# Background

The CSS property to change the background color of an element to Decimal 15253298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8BF32 }
```

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

```
.background{ background-color:#E8BF32 }
```

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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