

# Converting Colors

Decimal(15052877)

Have a look what the booklet for  
Decimal(15052877) contains.

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# **Color**

**Decimal(15052877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B04D
RGB	229, 176, 77
RGB Percent	90%, 69%, 30%
CMY	0.1020, 0.3098, 0.6980
CMYK	0.00, 0.23, 0.66, 0.10
HSL	39°, 75%, 60%
HSV	39°, 66%, 90%
XYZ	49.1780, 48.2445, 13.7413
YIQ	180.5610, 63.3670, -19.5530

# Conversions

## Conversions Part 2

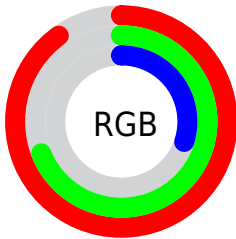
Format	Color
<b>RYB</b>	158, 229, 77
Decimal	15052877
CIELab	74.98, 9.25, 56.54
CIELCh	75, 57.293, 80.706
Yxy	48.2445, 0.4424, 0.4340
Android (android.graphics.Color)	4293242957 (0xFFE5B04D)
YUV	180.5610, -51.0556, 42.4810
Hunter-Lab	69.4583, 4.8300, 36.8911

# Details

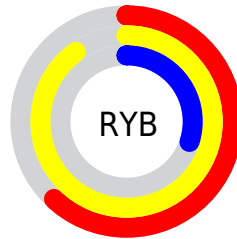
The Decimal color **15052877** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5079781**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16770946**, and **11172885** is the 20% darker color. If you saturate the color by 10%, you get **15050806**, and if you desaturate by 10%, it is **15054948**.

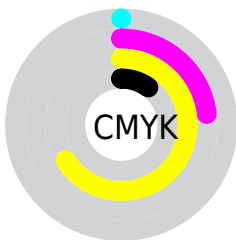
# Distribution



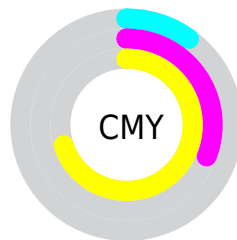
- Red (90%)
- Green (69%)
- Blue (30%)



- Red (62%)
- Yellow (90%)
- Blue (30%)



- Cyan (0%)
- Magenta (23%)
- Yellow (66%)
- Black (10%)



- Cyan (10%)
- Magenta (31%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15052877 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 15052877 by changing the saturation by 10% instead.



 15052877

 15052877

16777215

 13079859

 16770946

 11172885

 16777117

 9265920


 16777145

 7424768

 16777173

 5584128

 16777202

 3809280

 2230784

 0

 15052877

 15052877

15050806

15054948

15048735

15057019

15046664

15059090

15045888

15061161

15063231

15065302

15067373

15069439

15071487

# Harmonies

## Analogous

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



16751720



15052877



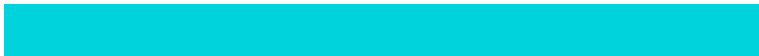
11780433

# Triad

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



15052877



54236



15310076

# Complementary

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



15052877



5079781

# 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.



10596863



15052877



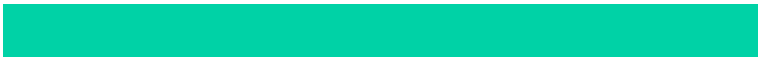
52991

# Square

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



15052877



53926



50175



16747979

# Rectangle

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



15052877



9161061



50175



14001151

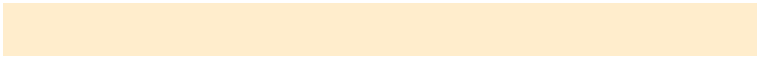


# Sweetspot

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



15052877



16772556



15027586



8418657



0



8421504



# Same Dimension

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



15052877



16758835



13559117



7565159



11760640



3350784



# Inverse Universe

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



5079781



3373823



6573541



6777715



16051



4659



# Previews

## White Background



This preview shows how the Decimal color 15052877 looks on a white background.

## Color Contrast Check

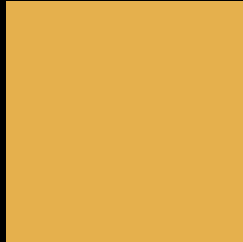
Large Text (above 18pt) WCAG AA × Fail

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 15052877 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 15052877 Background



This preview shows how black text looks on a background with the Decimal color 15052877.




This preview shows how white text looks on a background with the Decimal color 15052877.

# 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](#).

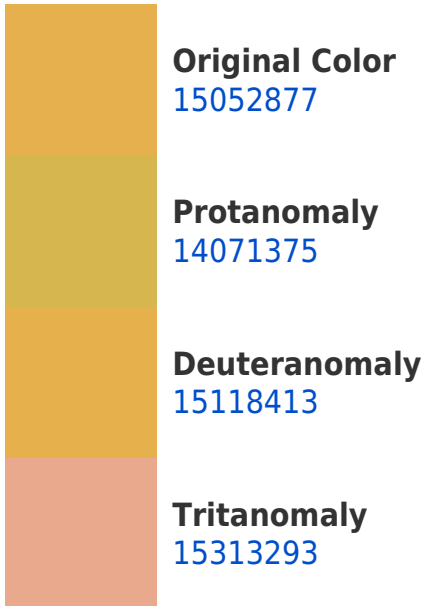
## Dichromacy





**Tritanopia**  
15508914

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15052877 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 #E5B04D looks like.

```
.text, #text, p{  
  color:#E5B04D  
}
```

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 #E5B04D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B04D
}
```

## Border

The CSS property to change the border of an element to Decimal 15052877 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
#E5B04D }
```

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

```
.border{ border-color:#E5B04D }
```

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

Here you see how a box with a 4 pixel #E5B04D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B04D; -webkit-box-shadow:4px 4px  
4px 4px #E5B04D; box-shadow:4px 4px 4px  
4px #E5B04D }
```

# Background

The CSS property to change the background color of an element to Decimal 15052877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B04D }
```

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

```
.background{ background-color:#E5B04D }
```

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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