

# Converting Colors

Decimal(15055162)

Have a look what the booklet for  
Decimal(15055162) contains.

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# **Color**

**Decimal(15055162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B93A
RGB	229, 185, 58
RGB Percent	90%, 73%, 23%
CMY	0.1020, 0.2745, 0.7725
CMYK	0.00, 0.19, 0.75, 0.10
HSL	45°, 77%, 56%
HSV	45°, 75%, 90%
XYZ	50.4258, 51.6614, 11.3169
YIQ	183.6780, 66.9910, -30.1690

# Conversions

## Conversions Part 2

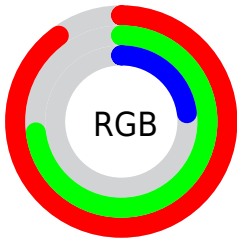
Format	Color
<a href="#">RYB</a>	<a href="#">117, 229, 58</a>
Decimal	<a href="#">15055162</a>
CIELab	<a href="#">77.08, 3.57, 66.44</a>
CIELCh	<a href="#">77, 66.541, 86.923</a>
Yxy	<a href="#">51.6614, 0.4447, 0.4556</a>
Android (android.graphics.Color)	<a href="#">4293245242 (0xFFE5B93A)</a>
YUV	<a href="#">183.6780, -61.9593, 39.7474</a>
Hunter-Lab	<a href="#">71.8759, -0.5530, 40.9779</a>

# Details

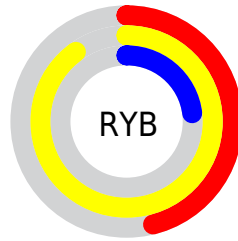
The Decimal color **15055162** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **3827429**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16773489**, and **11109376** is the 20% darker color. If you saturate the color by 10%, you get **15053603**, and if you desaturate by 10%, it is **15056721**.

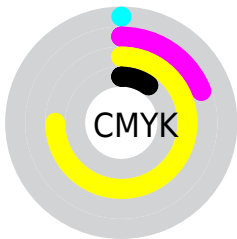
# Distribution



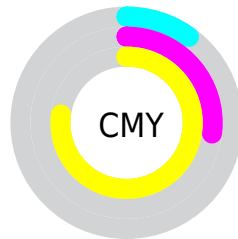
- Red (90%)
- Green (73%)
- Blue (23%)



- Red (46%)
- Yellow (90%)
- Blue (23%)



- Cyan (0%)
- Magenta (19%)
- Yellow (75%)
- Black (10%)




















- Cyan (10%)
- Magenta (27%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15055162 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 15055162 by changing the saturation by 10% instead.



 15055162	 15055162
16777215	 13082138
 16773489	 11109376
 16777101	 9202432
 16777129	 7361280
 16777157	 5520640
 16777186	 3745536
	 2167552
	 0
 15055162	 15055162

15053603

15056721

15052044

15058280

15051264

15059839

15061398

15062700

15064259

15065818

15067377

15068927

# Harmonies

## Analogous

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



16752983



15055162



11127624

# Triad

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



15055162



56564



16750591

# Complementary

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



15055162



3827429

# 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.



11907583



15055162



54783

# Square

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



15055162



56502



51199



16746439

# Rectangle

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



15055162



7787366



51199



15638527



# Sweetspot

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



15055162



16773575



15022696



8419166



0



8421504



# Same Dimension

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



15055162



16761881



12444986



7565415



11764992



3352064



# Inverse Universe

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



3827429



1660415



6437605



6777459



11955



3379



# Previews

## White Background



This preview shows how the Decimal color 15055162 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 15055162 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 15055162 Background



This preview shows how black text looks on a background with the Decimal color 15055162.



This preview shows how white text looks on a background with the Decimal color 15055162.

# 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**  
15055162

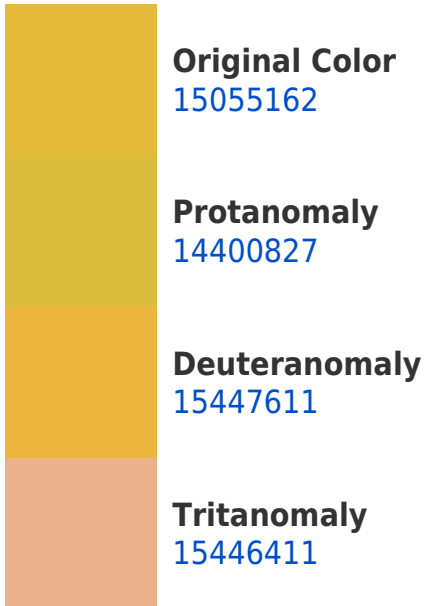
**Protanopia**  
14008124

**Deuteranopia**  
15709500



**Tritanopia**  
15642042

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15055162 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 #E5B93A looks like.

```
.text, #text, p{  
    color:#E5B93A  
}
```

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 #E5B93A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B93A
}
```

## Border

The CSS property to change the border of an element to Decimal 15055162 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
#E5B93A }
```

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

```
.border{ border-color:#E5B93A }
```

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

Here you see how a box with a 4 pixel #E5B93A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B93A; -webkit-box-shadow:4px 4px  
4px 4px #E5B93A; box-shadow:4px 4px 4px  
4px #E5B93A }
```

# Background

The CSS property to change the background color of an element to Decimal 15055162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B93A }
```

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

```
.background{ background-color:#E5B93A }
```

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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