

# Converting Colors

Decimal(15975759)

Have a look what the booklet for  
Decimal(15975759) contains.

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# **Color**

**Decimal(15975759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3C54F
RGB	243, 197, 79
RGB Percent	95%, 77%, 31%
CMY	0.0471, 0.2275, 0.6902
CMYK	0.00, 0.19, 0.67, 0.05
HSL	43°, 87%, 63%
HSV	43°, 67%, 95%
XYZ	58.3397, 59.5517, 15.8169
YIQ	197.3020, 65.2940, -26.9460

# Conversions

## Conversions Part 2

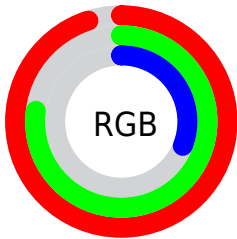
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 243, 79
Decimal	15975759
CIELab	81.59, 4.26, 63.13
CIELCh	82, 63.273, 86.138
Yxy	59.5517, 0.4363, 0.4454
Android (android.graphics.Color)	4294165839 (0xFFFF3C54F)
YUV	197.3020, -58.3229, 40.0771
Hunter-Lab	77.1698, -0.1026, 41.8666

# Details

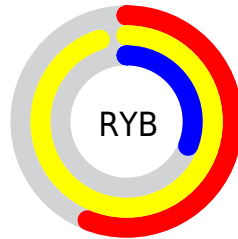
The Decimal color **15975759** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **5209587**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16776581**, and **12029970** is the 20% darker color. If you saturate the color by 10%, you get **15973943**, and if you desaturate by 10%, it is **15977575**.

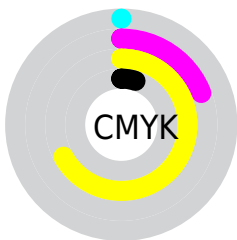
# Distribution



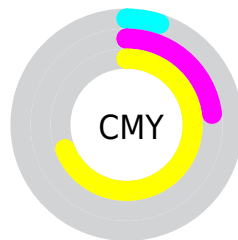
- Red (95%)
- Green (77%)
- Blue (31%)



- Red (56%)
- Yellow (95%)
- Blue (31%)



- Cyan (0%)
- Magenta (19%)
- Yellow (67%)
- Black (5%)




















- Cyan (5%)
- Magenta (23%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15975759 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 15975759 by changing the saturation by 10% instead.



 15975759	 15975759
 16777215	 14002739
 16776581	 12029970
 16777121	 10122752
 16777149	 8216064
 16777178	 6374912
 16777207	 4599808
	 2890752
	 1180160
	 0

15975759

15975759

15973943

15977575

15972126

15979392

15970566

15980952

15970048

15982768

15984585

15986401

15988217

15990015

15990783

# Harmonies

## Analogous

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



16756585



15975759



12179290

# Triad

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



15975759



59645



16754687

# Complementary

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



15975759



5209587

# 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.



12697343



15975759



57855

# Square

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



15975759



59585



2807039



16750805

# Rectangle

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



15975759



9101173



2807039



16297727



# Sweetspot

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



15975759



16773580



15945597



8419169



0



8421504



# Same Dimension

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



15975759



16762160



13628239



8025966



12224000



3877376



# Inverse Universe

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



5209587



3173119



7557107



7238266



13498



4155



# Previews

## White Background



This preview shows how the Decimal color 15975759 looks on a white background.

## Color Contrast Check

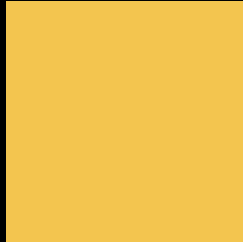
Large Text (above 18pt) WCAG AA × Fail

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 15975759 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 15975759 Background



This preview shows how black text looks on a background with the Decimal color 15975759.



This preview shows how white text looks on a background with the Decimal color 15975759.

# 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**  
15975759

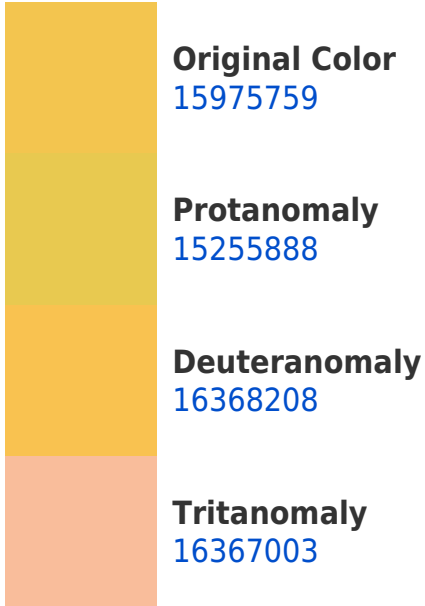
**Protanopia**  
14863185

**Deuteranopia**  
16630096



**Tritanopia**  
16562631

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15975759 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 #F3C54F looks like.

```
.text, #text, p{  
    color:#F3C54F  
}
```

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 #F3C54F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3C54F
}
```

## Border

The CSS property to change the border of an element to Decimal 15975759 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
#F3C54F }
```

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

```
.border{ border-color:#F3C54F }
```

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

Here you see how a box with a 4 pixel #F3C54F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3C54F; -webkit-box-shadow:4px 4px  
4px 4px #F3C54F; box-shadow:4px 4px 4px  
4px #F3C54F }
```

# Background

The CSS property to change the background color of an element to Decimal 15975759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3C54F }
```

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

```
.background{ background-color:#F3C54F }
```

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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