

# Converting Colors

Decimal(15584376)

Have a look what the booklet for  
Decimal(15584376) contains.

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# **Color**

**Decimal(15584376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDCC78
RGB	237, 204, 120
RGB Percent	93%, 80%, 47%
CMY	0.0706, 0.2000, 0.5294
CMYK	0.00, 0.14, 0.49, 0.07
HSL	43°, 76%, 70%
HSV	43°, 49%, 93%
XYZ	59.9081, 62.5463, 26.6845
YIQ	204.2910, 46.6320, -19.1280

# Conversions

## Conversions Part 2

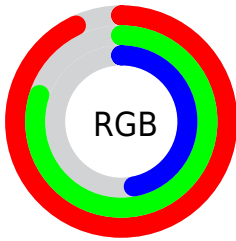
Format	Color
<b>RYB</b>	166, 237, 120
Decimal	15584376
CIELab	83.20, 1.10, 45.88
CIELCh	83, 45.894, 88.627
Yxy	62.5463, 0.4017, 0.4194
Android (android.graphics.Color)	4293774456 (0xFFEDCC78)
YUV	204.2910, -41.5555, 28.6858
Hunter-Lab	79.0862, -3.1866, 35.3553

# Details

The Decimal color **15584376** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7903725**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16777134**, and **11769413** is the 20% darker color. If you saturate the color by 10%, you get **15582560**, and if you desaturate by 10%, it is **15586192**.

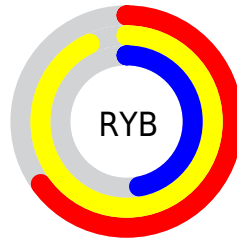
# Distribution



Red (93%)

Green (80%)

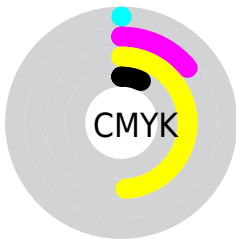
Blue (47%)



Red (65%)

Yellow (93%)

Blue (47%)

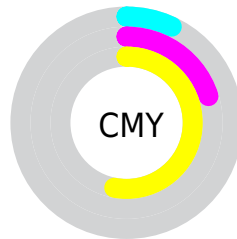


Cyan (0%)

Magenta (14%)

Yellow (49%)

Black (7%)



Cyan (7%)

Magenta (20%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15584376 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 15584376 by changing the saturation by 10% instead.



 15584376

 15584376

16777215

 13676894

 16777134

 11769413

 16777162

 9927724

 16777190

 8086545

 6310912

 4601088

 2957568

 1247744

 0

 15584376

 15584376

 15582560

 15586192

 15581001

 15587751

 15579185

 15589567

 15577369

 15591383

 15575810

 15592942

 15575552

 15594751

 15596543

 15597567

# Harmonies

## Analogous

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



16760199



15584376



12704130

# Triad

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



15584376



58871



16758525

# Complementary

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



15584376



7903725

# 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.



13747711



15584376



3203071

# Square

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



15584376



5170892



9164031



16756179

# Rectangle

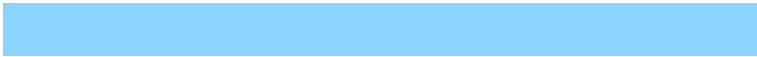
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15584376



10477461



9164031



16104191



# Sweetspot

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



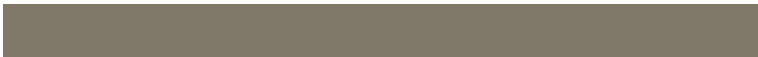
15584376



16774361



15562905



8419689



0



8421504



# Same Dimension

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



15584376



16766313



13954424



7697002



11895296



3548672



# Inverse Universe

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



7903725



6919167



9533677



6974837



13237



3894



# Previews

## White Background



This preview shows how the Decimal color 15584376 looks on a white background.

## Color Contrast Check

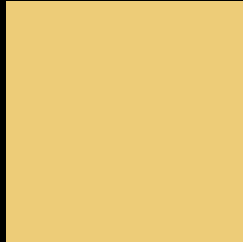
Large Text (above 18pt) WCAG AA × Fail

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 15584376 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 15584376 Background



This preview shows how black text looks on a background with the Decimal color 15584376.



This preview shows how white text looks on a background with the Decimal color 15584376.

# 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**  
16106193

# Trichromacy



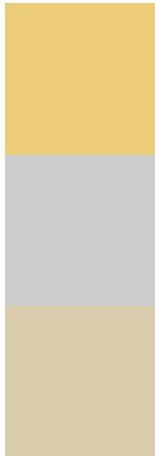
**Original Color**  
15584376

**Protanomaly**  
15191673

**Deuteranomaly**  
16238713

**Tritanomaly**  
15910577

# Monochromacy



**Original Color**  
15584376

**Achromatopsia**  
13421772

**Achromatomaly**  
14208173

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15584376 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 #EDCC78 looks like.

```
.text, #text, p{  
    color:#EDCC78  
}
```

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 #EDCC78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDCC78  
}
```

## Border

The CSS property to change the border of an element to Decimal 15584376 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  
#EDCC78 }
```

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

```
.border{ border-color:#EDCC78 }
```

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

Here you see how a box with a 4 pixel #EDCC78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDCC78; -webkit-box-shadow:4px 4px  
4px 4px #EDCC78; box-shadow:4px 4px 4px  
4px #EDCC78 }
```

# Background

The CSS property to change the background color of an element to Decimal 15584376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDCC78 }
```

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

```
.background{ background-color:#EDCC78 }
```

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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