

# Converting Colors

Decimal(15771255)

Have a look what the booklet for  
Decimal(15771255) contains.

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# **Color**

**Decimal(15771255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0A677
RGB	240, 166, 119
RGB Percent	94%, 65%, 47%
CMY	0.0588, 0.3490, 0.5333
CMYK	0.00, 0.31, 0.50, 0.06
HSL	23°, 80%, 70%
HSV	23°, 50%, 94%
XYZ	52.9012, 47.1296, 23.7615
YIQ	182.7680, 59.1910, 1.0710

# Conversions

## Conversions Part 2

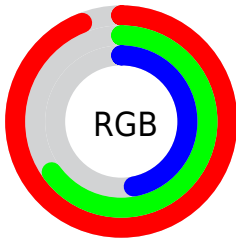
Format	Color
R <sub>Y</sub> B	240, 196, 119
Decimal	15771255
CIE Lab	74.27, 22.18, 35.23
CIE LCh	74, 41.632, 57.805
Yxy	47.1296, 0.4273, 0.3807
Android (android.graphics.Color)	4293961335 (0xFFFF0A677)
YUV	182.7680, -31.4376, 50.1925
Hunter-Lab	68.6510, 17.4095, 27.5342

# Details

The Decimal color **15771255** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7848432**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16768428**, and **11891270** is the 20% darker color. If you saturate the color by 10%, you get **15767391**, and if you desaturate by 10%, it is **15775119**.

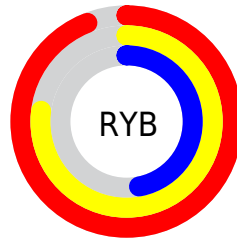
# Distribution



Red (94%)

Green (65%)

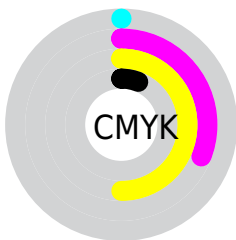
Blue (47%)



Red (94%)

Yellow (77%)

Blue (47%)

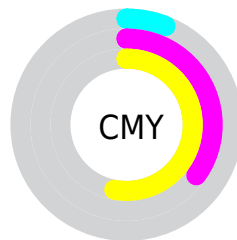


Cyan (0%)

Magenta (31%)

Yellow (50%)

Black (6%)



Cyan (6%)

Magenta (35%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15771255 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 15771255 by changing the saturation by 10% instead.



 15771255

 15771255

16777215

 13798238

 16768428

 11891270

 16775879

 9984302

 16777188

 8143127

 6302208

 4527104

 2883584

 0

 15771255

 15771255

15767391

15775119

15763783

15778727

15759919

15782591

15756055

15786455

15752448

15790063

15793919

15794175

# Harmonies

## Analogous

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



16751509



15771255



13808489

# Triad

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



15771255



4639666



12037882

# Complementary

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



15771255



7848432

# 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.



7912447



15771255



51929

# Square

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



15771255



8243085



2672118



14983392

# Rectangle

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



15771255



12172396



2672118



10793983

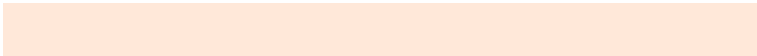


# Sweetspot

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



15771255



16771289



15759298



8417641



0



8421504



# Same Dimension

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



15771255



16752739



15786615



7893356



12076800



3675648

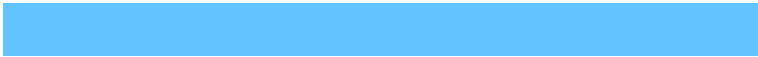


# Inverse Universe

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



7848432



6538239



7833072



7107448



28856



8760



# Previews

## White Background



This preview shows how the Decimal color 15771255 looks on a white background.

## Color Contrast Check

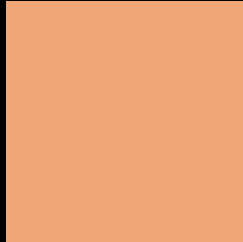
Large Text (above 18pt) WCAG AA × Fail

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 15771255 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 15771255 Background



This preview shows how black text looks on a background with the Decimal color 15771255.



This preview shows how white text looks on a background with the Decimal color 15771255.

# 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**  
15771255

**Protanopia**  
13023102

**Deuteranopia**  
14528373



**Tritanopia**  
16031659

# Trichromacy



**Original Color**  
15771255

**Protanomaly**  
14004603

**Deuteranomaly**  
14986358

**Tritanomaly**  
15966872

# Monochromacy



**Original Color**  
15771255

**Achromatopsia**  
12040119

**Achromatomaly**  
13414816

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15771255 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 #F0A677 looks like.

```
.text, #text, p{  
  color:#F0A677  
}
```

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 #F0A677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A677  
}
```

## Border

The CSS property to change the border of an element to Decimal 15771255 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  
#F0A677 }
```

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

```
.border{ border-color:#F0A677 }
```

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

Here you see how a box with a 4 pixel #F0A677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A677; -webkit-box-shadow:4px 4px  
4px 4px #F0A677; box-shadow:4px 4px 4px  
4px #F0A677 }
```

# Background

The CSS property to change the background color of an element to Decimal 15771255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A677 }
```

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

```
.background{ background-color:#F0A677 }
```

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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