

# Converting Colors

Decimal(15766402)

Have a look what the booklet for  
Decimal(15766402) contains.

<b>Decimal(15766402)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15766402)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F09382
RGB	240, 147, 130
RGB Percent	94%, 58%, 51%
CMY	0.0588, 0.4235, 0.4902
CMYK	0.00, 0.39, 0.46, 0.06
HSL	9°, 79%, 73%
HSV	9°, 46%, 94%
XYZ	50.3982, 41.0044, 26.3775
YIQ	172.8690, 60.8850, 14.4290

# Conversions

## Conversions Part 2

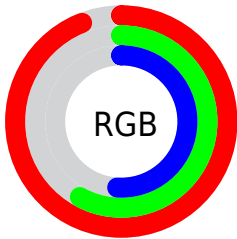
Format	Color
R <sub>Y</sub> B	240, 150, 130
Decimal	15766402
CIE Lab	70.18, 33.23, 23.91
CIE LCh	70, 40.940, 35.729
Yxy	41.0044, 0.4279, 0.3481
Android (android.graphics.Color)	4293956482 (0xFFFF09382)
YUV	172.8690, -21.1344, 58.8739
Hunter-Lab	64.0347, 28.4268, 20.4013

# Details

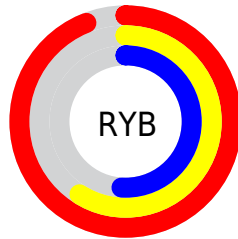
The Decimal color **15766402** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **8577008**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **16763575**, and **11886417** is the 20% darker color. If you saturate the color by 10%, you get **15761258**, and if you desaturate by 10%, it is **15771546**.

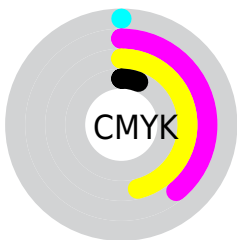
# Distribution



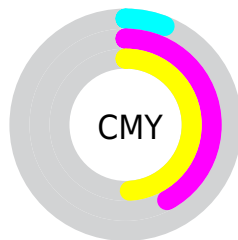
- Red (94%)
- Green (58%)
- Blue (51%)



- Red (94%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (46%)
- Black (6%)



- Cyan (6%)
- Magenta (42%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15766402 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 15766402 by changing the saturation by 10% instead.



 15766402

 15766402

16777215

 13793641

 16763575

 11886417

 16770771

 9979449

 16777199

 8138276

 6296847

 4521984

 2949121

 0

 15766402

 15766402

 15761258

 15771546

 15755858

 15776946

 15750714

 15782090

 15745570

 15787234

 15740426

 15792378

 15738112

 15794175

# Harmonies

## Analogous

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



15896230



15766402



14458728

# Triad

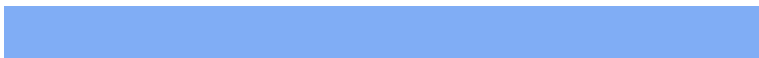
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15766402



6733196



8433141

# Complementary

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



15766402



8577008

# 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.



3389679



15766402



2539442

# Square

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



15766402



9811566



48854



12165096

# Rectangle

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



15766402



13150305



48854



6926837

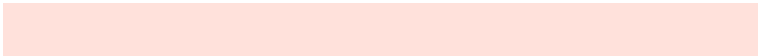


# Sweetspot

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



15766402



16769499



15762144



8416618



0



8421504



# Same Dimension

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



15766402



16746611



15780226



7892588



12065792



3672320



# Inverse Universe

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



8577008



7596543



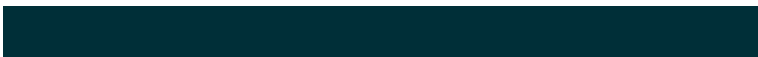
8563184



7108216



39864



12088



# Previews

## White Background



This preview shows how the Decimal color 15766402 looks on a white background.

## Color Contrast Check

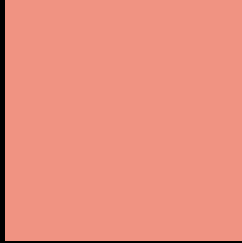
Large Text (above 18pt) WCAG AA × Fail

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 15766402 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 15766402 Background



This preview shows how black text looks on a background with the Decimal color 15766402.

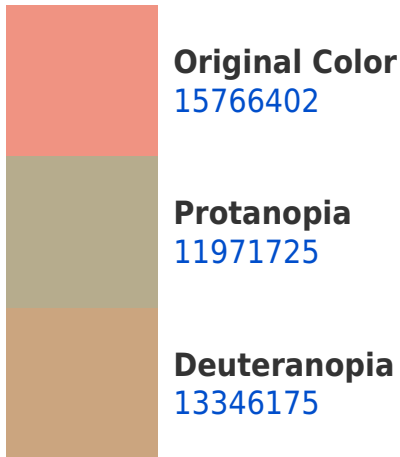


This preview shows how white text looks on a background with the Decimal color 15766402.

# 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**  
15896474

# Trichromacy



**Original Color**  
15766402

**Protanomaly**  
13345673

**Deuteranomaly**  
14196352

**Tritanomaly**  
15831185

# Monochromacy



**Original Color**  
15766402

**Achromatopsia**  
11382189

**Achromatomaly**  
12952733

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15766402 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 #F09382 looks like.

```
.text, #text, p{  
  color:#F09382  
}
```

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 #F09382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F09382
}
```

## Border

The CSS property to change the border of an element to Decimal 15766402 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
#F09382 }
```

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

```
.border{ border-color:#F09382 }
```

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

Here you see how a box with a 4 pixel #F09382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F09382; -webkit-box-shadow:4px 4px  
4px 4px #F09382; box-shadow:4px 4px 4px  
4px #F09382 }
```

# Background

The CSS property to change the background color of an element to Decimal 15766402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F09382 }
```

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

```
.background{ background-color:#F09382 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor