

# Converting Colors

Decimal(15784372)

Have a look what the booklet for  
Decimal(15784372) contains.

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# **Color**

**Decimal(15784372)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0D9B4
RGB	240, 217, 180
RGB Percent	94%, 85%, 71%
CMY	0.0588, 0.1490, 0.2941
CMYK	0.00, 0.10, 0.25, 0.06
HSL	37°, 67%, 82%
HSV	37°, 25%, 94%
XYZ	68.9863, 71.4463, 53.3346
YIQ	219.6590, 25.5850, -6.6310

# Conversions

## Conversions Part 2

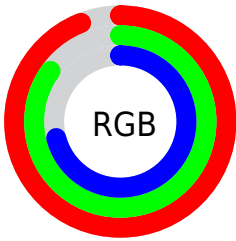
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 240, 180
Decimal	15784372
CIE Lab	87.70, 2.35, 21.14
CIE LCh	88, 21.269, 83.645
Yxy	71.4463, 0.3560, 0.3687
Android (android.graphics.Color)	4293974452 (0xFFFF0D9B4)
YUV	219.6590, -19.5519, 17.8391
Hunter-Lab	84.5259, -2.2366, 21.7570

# Details

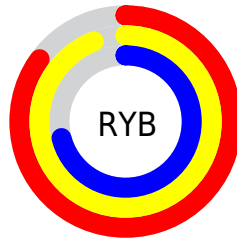
The Decimal color **15784372** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **11848688**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16777196**, and **12034687** is the 20% darker color. If you saturate the color by 10%, you get **15782044**, and if you desaturate by 10%, it is **15786700**.

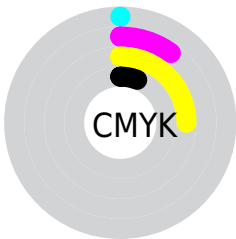
# Distribution



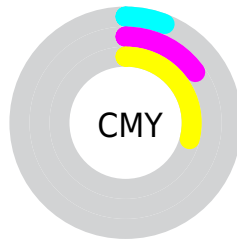
- Red (94%)
- Green (85%)
- Blue (71%)



- Red (85%)
- Yellow (94%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (6%)



- Cyan (6%)
- Magenta (15%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15784372 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 15784372 by changing the saturation by 10% instead.



 15784372

 15784372

16777215

 13876633

 16777196

 12034687

 10258534

 8548174

 6837815

 5193505

 3614987

 2168064

 0

 15784372

 15784372

 15782044

 15786700

 15779716

 15789028

 15777132

 15791612

 15774804

 15793919

 15772476

 15794175

 15770148

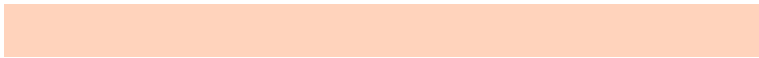
 15767820

 15766528

# Harmonies

## Analogous

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



16765884



15784372



14344375

# Triad

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



15784372



10938347



15913716

# Complementary

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



15784372



11848688

# Split Complementary

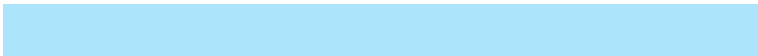
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14342399



15784372



11330812

# Square

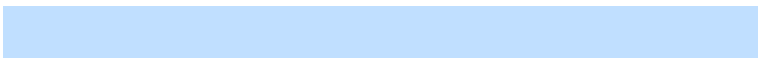
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15784372



11593687



12640255



16764641

# Rectangle

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



15784372



13362110



12640255



15455481

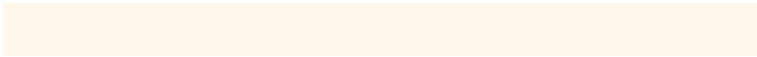


# Sweetspot

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



15784372



16775147



15774923



8420211



0



8421504



# Same Dimension

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



15784372



16769715



15397044



7893868



12087552



3678976



# Inverse Universe

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



11848688



11784447



12301552



7106680



18104

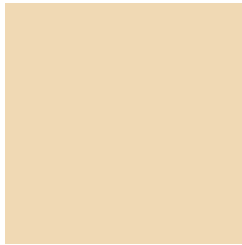


5688



# Previews

## White Background



This preview shows how the Decimal color 15784372 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 15784372 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

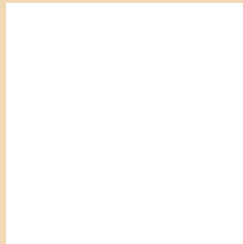
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15784372 Background



This preview shows how black text looks on a background with the Decimal color 15784372.




This preview shows how white text looks on a background with the Decimal color 15784372.

# 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**  
16175843

# Trichromacy



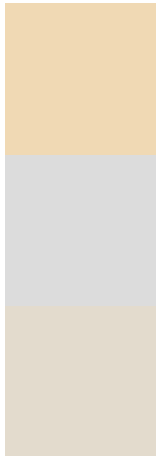
**Original Color**  
15784372

**Protanomaly**  
15522485

**Deuteranomaly**  
16438709

**Tritanomaly**  
16045522

# Monochromacy



**Original Color**  
15784372

**Achromatopsia**  
14474460

**Achromatomaly**  
14932941

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15784372 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 #F0D9B4 looks like.

```
.text, #text, p{  
    color:#F0D9B4  
}
```

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 #F0D9B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0D9B4
}
```

## Border

The CSS property to change the border of an element to Decimal 15784372 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
#F0D9B4 }
```

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

```
.border{ border-color:#F0D9B4 }
```

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

Here you see how a box with a 4 pixel #F0D9B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0D9B4; -webkit-box-shadow:4px 4px  
4px 4px #F0D9B4; box-shadow:4px 4px 4px  
4px #F0D9B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 15784372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0D9B4 }
```

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

```
.background{ background-color:#F0D9B4 }
```

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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