

# Converting Colors

Decimal(15584470)

Have a look what the booklet for  
Decimal(15584470) contains.

<b>Decimal(15584470)</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(15584470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDCCD6
RGB	237, 204, 214
RGB Percent	93%, 80%, 84%
CMY	0.0706, 0.2000, 0.1608
CMYK	0.00, 0.14, 0.10, 0.07
HSL	342°, 48%, 86%
HSV	342°, 14%, 93%
XYZ	68.6555, 66.0453, 72.7478
YIQ	215.0070, 16.4580, 10.1060

# Conversions

## Conversions Part 2

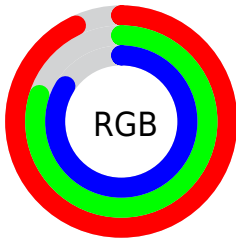
Format	Color
RYB	237, 204, 214
Decimal	15584470
CIELab	85.02, 13.19, -0.67
CIELCh	85, 13.212, 357.084
Yxy	66.0453, 0.3310, 0.3184
Android (android.graphics.Color)	4293774550 (0xFFEDCCD6)
YUV	215.0070, -0.4965, 19.2879
Hunter-Lab	81.2683, 8.5776, 3.8140

# Details

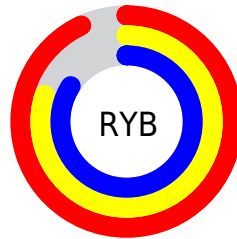
The Decimal color **15584470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **13430243**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777215**, and **11900575** is the 20% darker color. If you saturate the color by 10%, you get **15578309**, and if you desaturate by 10%, it is **15590631**.

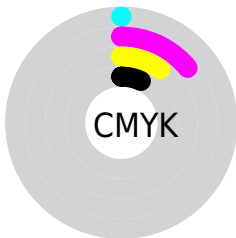
# Distribution



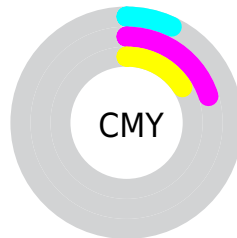
- Red (93%)
- Green (80%)
- Blue (84%)



- Red (93%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15584470 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 15584470 by changing the saturation by 10% instead.



15584470

15584470

16777215

13742522

11900575

10124421

8414060

6703956

5125181

3612455

2230290

0

 15584470

 15584470

 15578309

 15590631

 15572405

 15596535

 15566244

 15597567

 15560084

 15554179

 15548019

 15541858

 15535698

 15532104

# Harmonies

## Analogous

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



14995170



15584470



15715529

# Triad

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



15584470



13817790



12245481

# Complementary

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



15584470



13430243

# 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.



11918303



15584470



12901062

# Square

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



15584470



14734268



12180691



13031149

# Rectangle

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



15584470



15584963



12180691



12049126



# Sweetspot

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



15584470



16774648



14929133



8419707



0



8421504



# Same Dimension

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



15584470



16766177



15585996



7694957



11862071



3538960



# Inverse Universe

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



15584470



16766177



13428717



7694957



11862071

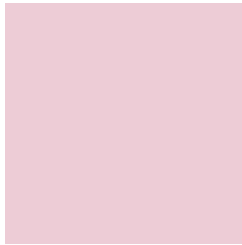


3538960



# Previews

## White Background



This preview shows how the Decimal color 15584470 looks on a white background.

## Color Contrast Check

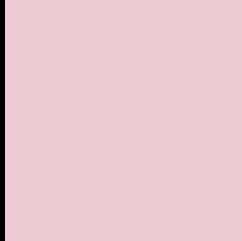
Large Text (above 18pt) WCAG AA × Fail

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 15584470 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 15584470 Background



This preview shows how black text looks on a background with the Decimal color 15584470.



This preview shows how white text looks on a background with the Decimal color 15584470.

# 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**  
15584470

**Protanopia**  
14144474

**Deuteranopia**  
15257302



**Tritanopia**  
15649755

# Trichromacy



**Original Color**  
15584470

**Protanomaly**  
14667993

**Deuteranomaly**  
15388118

**Tritanomaly**  
15649753

# Monochromacy



**Original Color**  
15584470

**Achromatopsia**  
14145495

**Achromatomaly**  
14668759

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15584470 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 #EDCCD6 looks like.

```
.text, #text, p{  
    color:#EDCCD6  
}
```

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 #EDCCD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDCCD6
}
```

## Border

The CSS property to change the border of an element to Decimal 15584470 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
#EDCCD6 }
```

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

```
.border{ border-color:#EDCCD6 }
```

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

Here you see how a box with a 4 pixel #EDCCD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDCCD6; -webkit-box-shadow:4px 4px  
4px 4px #EDCCD6; box-shadow:4px 4px 4px  
4px #EDCCD6 }
```

# Background

The CSS property to change the background color of an element to Decimal 15584470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDCCD6 }
```

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

```
.background{ background-color:#EDCCD6 }
```

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