

# Converting Colors

Decimal(15584503)

Have a look what the booklet for  
Decimal(15584503) contains.

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# **Color**

**Decimal(15584503)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDCCF7
RGB	237, 204, 247
RGB Percent	93%, 80%, 97%
CMY	0.0706, 0.2000, 0.0314
CMYK	0.04, 0.17, 0.00, 0.03
HSL	286°, 73%, 88%
HSV	286°, 17%, 97%
XYZ	73.3064, 67.9057, 97.2391
YIQ	218.7690, 5.8650, 20.3690

# Conversions

## Conversions Part 2

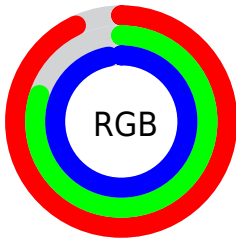
Format	Color
R <sub>Y</sub> B	237, 204, 247
Decimal	15584503
CIE Lab	85.96, 19.05, -16.81
CIE LCh	86, 25.408, 318.583
Yxy	67.9057, 0.3074, 0.2848
Android (android.graphics.Color)	4293774583 (0xFFEDCCF7)
YUV	218.7690, 13.9179, 15.9886
Hunter-Lab	82.4049, 14.5829, -12.2798

# Details

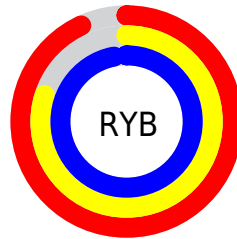
The Decimal color **15584503** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **14088140**, and the grayscale version is **14408667**.

A 20% lighter version of the original color is **16777215**, and **11900607** is the 20% darker color. If you saturate the color by 10%, you get **15184887**, and if you desaturate by 10%, it is **15984119**.

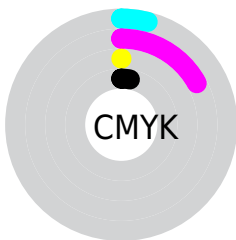
# Distribution



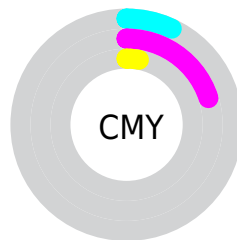
- Red (93%)
- Green (80%)
- Blue (97%)



- Red (93%)
- Yellow (80%)
- Blue (97%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (20%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15584503 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 15584503 by changing the saturation by 10% instead.



15584503

15584503

16777215

13742298

11900607

10124451

8414089

6703984

5125207

3612224

2164778

21

 15584503

 15584503

 15184887

 15984119

 14851063

 16317943

 14451447

 16711671

 14051831

 16777207

 13652471

 13318391

 12918775

 12519159

 12452087

# Harmonies

## Analogous

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



13620479



15584503



16762849

# Triad

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



15584503



15913640



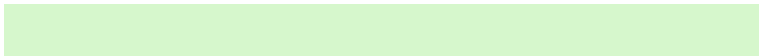
9823717

# Complementary

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



15584503



14088140

# 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.



10872013



15584503



14277289

# Square

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



15584503



16763828



12509367



10019578

# Rectangle

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



15584503



16762577



12509367



10020317

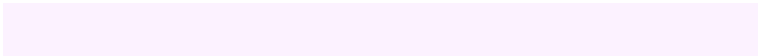


# Sweetspot

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



15584503



16577279



13424375



8288384



0



8421504



# Same Dimension

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



15584503



15976959



16239852



7892602



9371834



2949179



# Inverse Universe

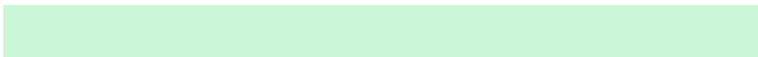
The Inverse Universe completely reimagines the original color for something new.



16239830



16763350



13432791



8023665



12189739



3866638



# Previews

## White Background



This preview shows how the Decimal color 15584503 looks on a white background.

## Color Contrast Check

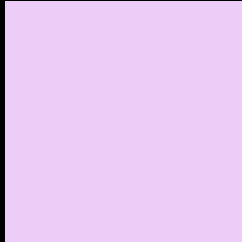
Large Text (above 18pt) WCAG AA × Fail

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 15584503 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

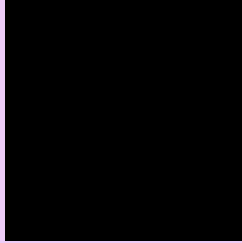
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15584503 Background



This preview shows how black text looks on a background with the Decimal color 15584503.

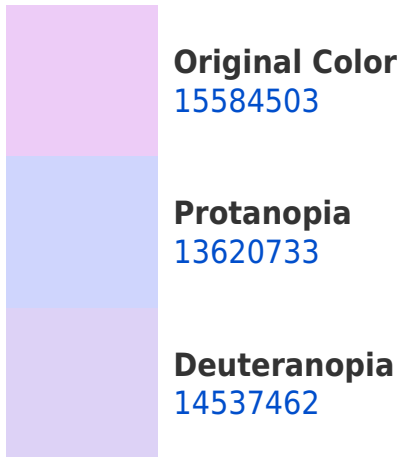



This preview shows how white text looks on a background with the Decimal color 15584503.

# 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**  
15388896

# Trichromacy



**Original Color**  
15584503

**Protanomaly**  
14340859

**Deuteranomaly**  
14930166

**Tritanomaly**  
15454184

# Monochromacy



**Original Color**  
15584503

**Achromatopsia**  
14408667

**Achromatomaly**  
14866149

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15584503 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 #EDCCF7 looks like.

```
.text, #text, p{  
  color:#EDCCF7  
}
```

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 #EDCCF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDCCF7
}
```

## Border

The CSS property to change the border of an element to Decimal 15584503 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
#EDCCF7 }
```

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

```
.border{ border-color:#EDCCF7 }
```

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

Here you see how a box with a 4 pixel #EDCCF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDCCF7; -webkit-box-shadow:4px 4px  
4px 4px #EDCCF7; box-shadow:4px 4px 4px  
4px #EDCCF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 15584503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDCCF7 }
```

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

```
.background{ background-color:#EDCCF7 }
```

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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