

# Converting Colors

Decimal(15191509)

Have a look what the booklet for  
Decimal(15191509) contains.

<b>Decimal(15191509)</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(15191509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7CDD5
RGB	231, 205, 213
RGB Percent	91%, 80%, 84%
CMY	0.0941, 0.1961, 0.1647
CMYK	0.00, 0.11, 0.08, 0.09
HSL	342°, 35%, 85%
HSV	342°, 11%, 91%
XYZ	66.7966, 65.4557, 72.0644
YIQ	213.6860, 12.9280, 8.0000

# Conversions

## Conversions Part 2

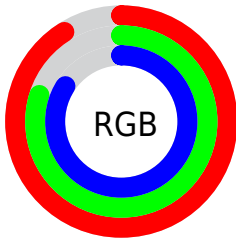
Format	Color
R <sub>Y</sub> B	231, 205, 213
Decimal	15191509
CIE Lab	84.72, 10.41, -0.64
CIE LCh	85, 10.428, 356.466
Yxy	65.4557, 0.3269, 0.3204
Android (android.graphics.Color)	4293381589 (0xFFE7CDD5)
YUV	213.6860, -0.3382, 15.1844
Hunter-Lab	80.9047, 5.7901, 3.8217

# Details

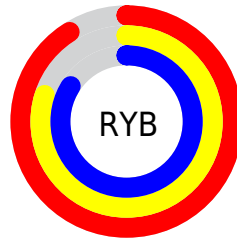
The Decimal color **15191509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13494239**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16777215**, and **11507614** is the 20% darker color. If you saturate the color by 10%, you get **15185605**, and if you desaturate by 10%, it is **15197413**.

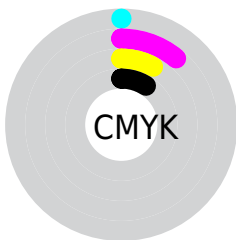
# Distribution



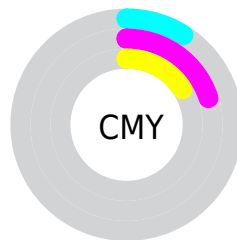
- Red (91%)
- Green (80%)
- Blue (84%)



- Red (91%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15191509 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 15191509 by changing the saturation by 10% instead.



15191509

15191509

16777215

13349561

11507614

9796996

8086635

6442067

4863292

3350566

1968402

0

 15191509


 15191509

 15185605


 15197413


 15179701


 15203317

 15173797

 15204351


 15167893

 15161989

 15155829

 15149925

 15144021

 15138887

# Harmonies

## Analogous

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



14667742



15191509



15322571

# Triad

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



15191509



13817538



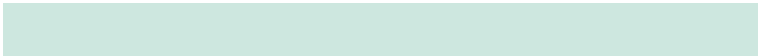
12572643

# Complementary

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



15191509



13494239

# 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.



12311004



15191509



13097160

# Square

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



15191509



14537408



12507602



13161959

# Rectangle

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



15191509



15191750



12507602



12441825



# Sweetspot

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



15191509



16775162



14667239



8419964



0



8421504



# Same Dimension

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



15191509



16767974



15192781



7563115



11730999



3342352



# Inverse Universe

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



15191509



16767974



13492967



7563115



11730999

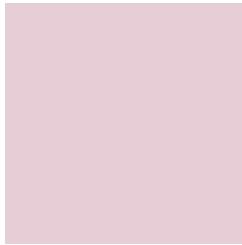


3342352



# Previews

## White Background



This preview shows how the Decimal color 15191509 looks on a white background.

## Color Contrast Check

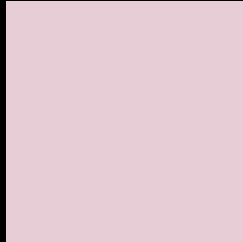
Large Text (above 18pt) WCAG AA × Fail

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 15191509 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

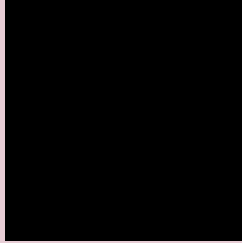
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15191509 Background



This preview shows how black text looks on a background with the Decimal color 15191509.

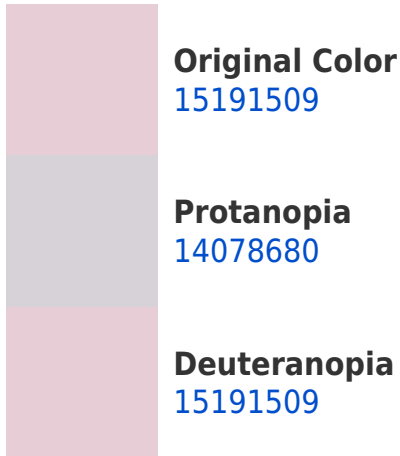



This preview shows how white text looks on a background with the Decimal color 15191509.

# 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**  
15256796

# Trichromacy



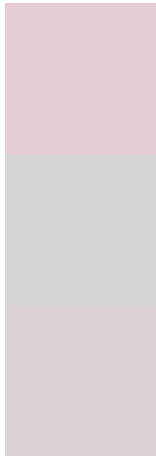
**Original Color**  
15191509

**Protanomaly**  
14471383

**Deuteranomaly**  
15191509

**Tritanomaly**  
15256793

# Monochromacy



**Original Color**  
15191509

**Achromatopsia**  
14079702

**Achromatomaly**  
14472150

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15191509 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 #E7CDD5 looks like.

```
.text, #text, p{  
    color:#E7CDD5  
}
```

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 #E7CDD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7CDD5
}
```

## Border

The CSS property to change the border of an element to Decimal 15191509 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
#E7CDD5 }
```

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

```
.border{ border-color:#E7CDD5 }
```

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

Here you see how a box with a 4 pixel #E7CDD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7CDD5; -webkit-box-shadow:4px 4px  
4px 4px #E7CDD5; box-shadow:4px 4px 4px  
4px #E7CDD5 }
```

# Background

The CSS property to change the background color of an element to Decimal 15191509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7CDD5 }
```

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

```
.background{ background-color:#E7CDD5 }
```

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