

# Converting Colors

Decimal(15258596)

Have a look what the booklet for  
Decimal(15258596) contains.

<b>Decimal(15258596)</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(15258596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8D3E4
RGB	232, 211, 228
RGB Percent	91%, 83%, 89%
CMY	0.0902, 0.1725, 0.1059
CMYK	0.00, 0.09, 0.02, 0.09
HSL	311°, 31%, 87%
HSV	311°, 9%, 91%
XYZ	70.5766, 69.3458, 83.0641
YIQ	219.2170, 7.0590, 9.7390

# Conversions

## Conversions Part 2

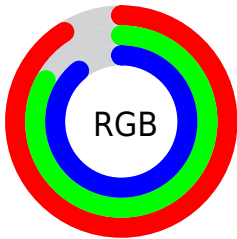
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	232, 211, 228
Decimal	15258596
CIE <sub>Lab</sub>	86.67, 10.21, -5.72
CIE <sub>LCh</sub>	87, 11.699, 330.729
Yxy	69.3458, 0.3165, 0.3110
Android (android.graphics.Color)	4293448676 (0xFFE8D3E4)
YUV	219.2170, 4.3300, 11.2107
Hunter-Lab	83.2741, 5.5528, -0.8486

# Details

The Decimal color **15258596** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13887703**, and the grayscale version is **14408667**.

A 20% lighter version of the original color is **16777215**, and **11574445** is the 20% darker color. If you saturate the color by 10%, you get **15252704**, and if you desaturate by 10%, it is **15264488**.

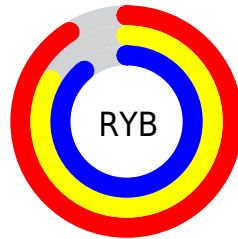
# Distribution



Red (91%)

Green (83%)

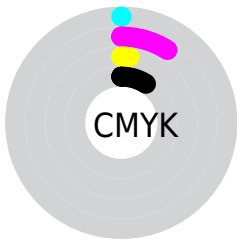
Blue (89%)



Red (91%)

Yellow (83%)

Blue (89%)

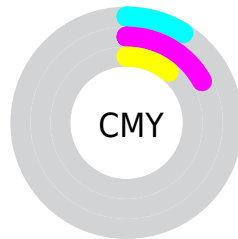


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15258596 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 15258596 by changing the saturation by 10% instead.



15258596

15258596

16777215

13416392

11574445

9863826

8153464

6508896

4930120

3417137

2035741

0

15258596

15258596

15252704

15264488

15246811

15269869

15240663

15269873

15234770

15269878

15228878

15269882

15222985

15269887

15217093

15210945

15205052

# Harmonies

## Analogous

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



14472940



15258596



15782617

# Triad

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



15258596



14866627



12443620

# Complementary

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



15258596



13887703

# 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.



12640473



15258596



14015686

# Square

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



15258596



15521222



13229774



12836332

# Rectangle

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



15258596



15848146



13229774



12443872

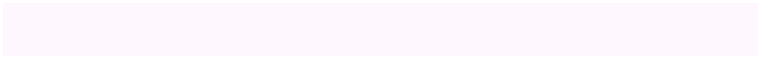


# Sweetspot

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



15258596



16775166



14144488



8419967



0



8421504



# Same Dimension

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



15258596



16770042



15258586



7563121



11731089



3342377



# Inverse Universe

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



15258596



16770042



13887713



7563121



11731089

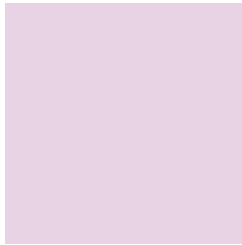


3342377



# Previews

## White Background



This preview shows how the Decimal color 15258596 looks on a white background.

## Color Contrast Check

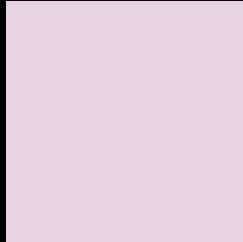
Large Text (above 18pt) WCAG AA × Fail

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 15258596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

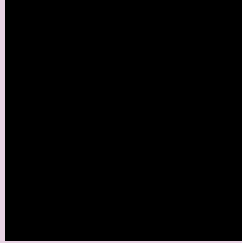
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

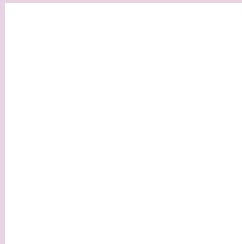
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15258596 Background



This preview shows how black text looks on a background with the Decimal color 15258596.

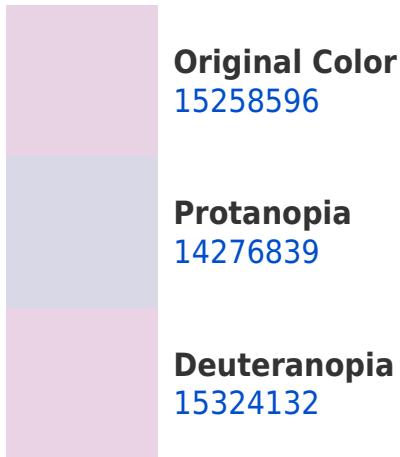


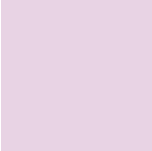
This preview shows how white text looks on a background with the Decimal color 15258596.

# 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**  
15258596

# Trichromacy



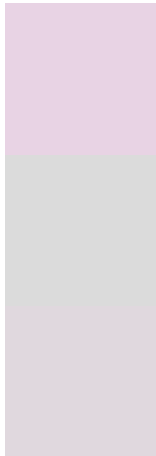
**Original Color**  
15258596

**Protanomaly**  
14604006

**Deuteranomaly**  
15324132

**Tritanomaly**  
15258596

# Monochromacy



**Original Color**  
15258596

**Achromatopsia**  
14408667

**Achromatomaly**  
14735582

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15258596 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 #E8D3E4 looks like.

```
.text, #text, p{  
    color:#E8D3E4  
}
```

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 #E8D3E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8D3E4
}
```

## Border

The CSS property to change the border of an element to Decimal 15258596 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
#E8D3E4 }
```

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

```
.border{ border-color:#E8D3E4 }
```

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

Here you see how a box with a 4 pixel #E8D3E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8D3E4; -webkit-box-shadow:4px 4px  
4px 4px #E8D3E4; box-shadow:4px 4px 4px  
4px #E8D3E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 15258596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8D3E4 }
```

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

```
.background{ background-color:#E8D3E4 }
```

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