

# Converting Colors

Decimal(15780819)

Have a look what the booklet for  
Decimal(15780819) contains.

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# **Color**

**Decimal(15780819)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0CBD3
RGB	240, 203, 211
RGB Percent	94%, 80%, 83%
CMY	0.0588, 0.2039, 0.1725
CMYK	0.00, 0.15, 0.12, 0.06
HSL	347°, 55%, 87%
HSV	347°, 15%, 94%
XYZ	69.0490, 65.9403, 70.7165
YIQ	214.9750, 19.4840, 10.3320

# Conversions

## Conversions Part 2

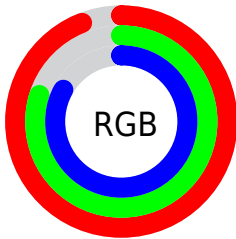
Format	Color
R <sub>Y</sub> B	240, 203, 211
Decimal	15780819
CIE Lab	84.97, 14.28, 0.88
CIE LCh	85, 14.308, 3.519
Yxy	65.9403, 0.3357, 0.3206
Android (android.graphics.Color)	4293970899 (0xFFFF0CBD3)
YUV	214.9750, -1.9597, 21.9469
Hunter-Lab	81.2036, 9.6756, 5.2096

# Details

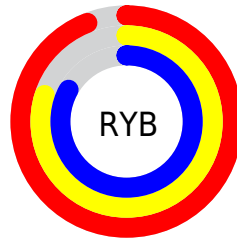
The Decimal color **15780819** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **13365480**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777215**, and **12096925** is the 20% darker color. If you saturate the color by 10%, you get **15774656**, and if you desaturate by 10%, it is **15786982**.

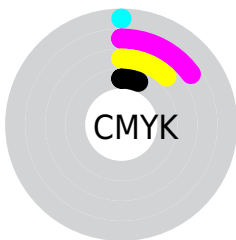
# Distribution



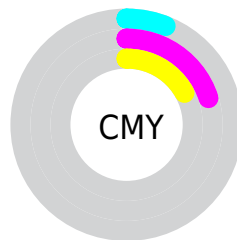
- Red (94%)
- Green (80%)
- Blue (83%)



- Red (94%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15780819 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 15780819 by changing the saturation by 10% instead.



15780819

15780819

16777215

13938871

12096925

10320770

8544873

6900305

5255994

3743269

2295568

0

 15780819

 15780819

 15774656

 15786982

 15768493

 15793145

 15762331

 15794175

 15756168

 15750005

 15743842

 15737679

 15731517

 15728692

# Harmonies

## Analogous

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



15257056



15780819



15846598

# Triad

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



15780819



13555901



12179948

# Complementary

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



15780819



13365480

# 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.



11721955



15780819



12573640

# Square

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



15780819



14603449



11918549



13161967

# Rectangle

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



15780819



15584959



11918549



11983593



# Sweetspot

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



15780819



16773877



15256560



8419450



0



8421504



# Same Dimension

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



15780819



16764889



15783371



7892078



12058664



3670028



# Inverse Universe

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



15780819



16764889



13362928



7892078



12058664



3670028



# Previews

## White Background



This preview shows how the Decimal color 15780819 looks on a white background.

## Color Contrast Check

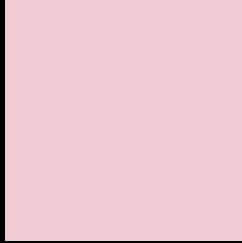
Large Text (above 18pt) WCAG AA × Fail

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 15780819 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 15780819 Background



This preview shows how black text looks on a background with the Decimal color 15780819.

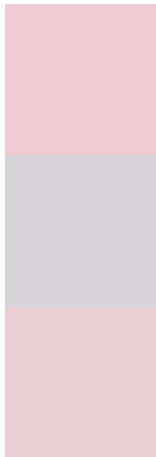


This preview shows how white text looks on a background with the Decimal color 15780819.

# 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**  
15780819

**Protanopia**  
14144472

**Deuteranopia**  
15322835



**Tritanopia**  
15846106

# Trichromacy



**Original Color**  
15780819

**Protanomaly**  
14733526

**Deuteranomaly**  
15519187

**Tritanomaly**  
15846103

# Monochromacy



**Original Color**  
15780819

**Achromatopsia**  
14145495

**Achromatomaly**  
14734294

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15780819 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 #F0CBD3 looks like.

```
.text, #text, p{  
    color:#F0CBD3  
}
```

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 #F0CBD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0CBD3
}
```

## Border

The CSS property to change the border of an element to Decimal 15780819 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
#F0CBD3 }
```

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

```
.border{ border-color:#F0CBD3 }
```

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

Here you see how a box with a 4 pixel #F0CBD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0CBD3; -webkit-box-shadow:4px 4px  
4px 4px #F0CBD3; box-shadow:4px 4px 4px  
4px #F0CBD3 }
```

# Background

The CSS property to change the background color of an element to Decimal 15780819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0CBD3 }
```

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

```
.background{ background-color:#F0CBD3 }
```

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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