

Converting Colors

Decimal(15833036)

Have a look what the booklet for
Decimal(15833036) contains.

Decimal(15833036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15833036)

Conversions

Conversions Part 1

Format	Color
Hex	F197CC
RGB	241, 151, 204
RGB Percent	95%, 59%, 80%
CMY	0.0549, 0.4078, 0.2000
CMYK	0.00, 0.37, 0.15, 0.05
HSL	325°, 76%, 77%
HSV	325°, 37%, 95%
XYZ	58.2413, 45.1936, 62.7803
YIQ	183.9520, 36.6270, 35.5630

Conversions

Conversions Part 2

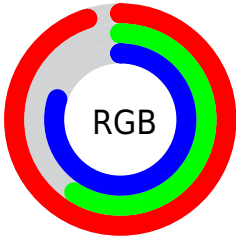
Format	Color
R _Y B	241, 151, 204
Decimal	15833036
CIE Lab	73.02, 40.98, -12.98
CIE LCh	73, 42.989, 342.424
Yxy	45.1936, 0.3504, 0.2719
Android (android.graphics.Color)	4294023116 (0xFFFF197CC)
YUV	183.9520, 9.8837, 50.0311
Hunter-Lab	67.2262, 36.9974, -8.3106

Details

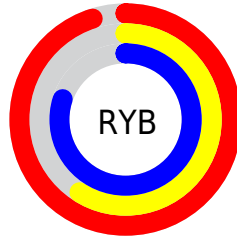
The Decimal color **15833036** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9957820**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16764671**, and **12018326** is the 20% darker color. If you saturate the color by 10%, you get **15826882**, and if you desaturate by 10%, it is **15839190**.

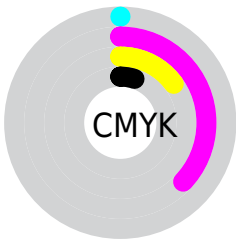
Distribution



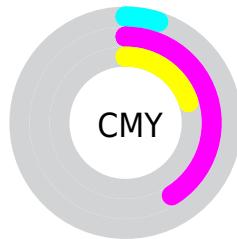
- Red (95%)
- Green (59%)
- Blue (80%)



- Red (95%)
- Yellow (59%)
- Blue (80%)



- Cyan (0%)
- Magenta (37%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15833036 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 15833036 by changing the saturation by 10% instead.

 15833036

 15833036

16777215

 13925553

 16764671

 12018326

 16772095

 10176892

 8400739

 6689867

 4980788

 3407903

 1441795

 0

 15833036

 15833036

 15826882

 15839190

 15820728

 15845344

 15814574

 15851498

 15808420

 15857652

 15802010

 15859710

 15795857

 15859711

 15794318

Harmonies

Analogous

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



13411310



15833036



16749732

Triad

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



15833036



12367461



50663

Complementary

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



15833036



9957820

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.



51395



15833036



9551992

Square

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



15833036



14723432



6145690



4636414

Rectangle

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



15833036



16619659



6145690



51164

Sweetspot

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



15833036



16770035



12294129



8417145



0



8421504

Same Dimension

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



15833036



16747728



15832992



7892083



12058732



3670049

Inverse Universe

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



15833036



16747728



9957864



7892083



12058732



3670049

Previews

White Background



This preview shows how the Decimal color 15833036 looks on a white background.

Color Contrast Check

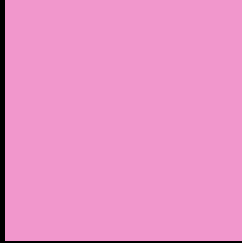
Large Text (above 18pt) WCAG AA × Fail

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 15833036 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 15833036 Background



This preview shows how black text looks on a background with the Decimal color 15833036.

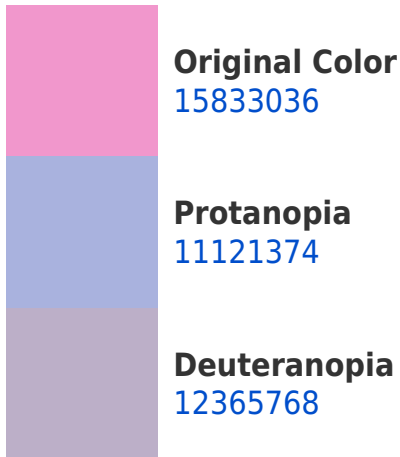



This preview shows how white text looks on a background with the Decimal color 15833036.

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
15572393

Trichromacy



Original Color
15833036



Protanomaly
12822743



Deuteranomaly
13608649



Tritanomaly
15637430

Monochromacy



Original Color
15833036



Achromatopsia
12105912



Achromatomaly
13479103

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15833036 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 #F197CC looks like.

```
.text, #text, p{  
  color:#F197CC  
}
```

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 #F197CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F197CC }  
}
```

Border

The CSS property to change the border of an element to Decimal 15833036 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 #F197CC }  
}
```

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

```
.border{ border-color:#F197CC }
```

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

Here you see how a box with a 4 pixel #F197CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F197CC; -webkit-box-shadow:4px 4px  
4px 4px #F197CC; box-shadow:4px 4px 4px  
4px #F197CC }
```

Background

The CSS property to change the background color of an element to Decimal 15833036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F197CC }
```

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

```
.background{ background-color:#F197CC }
```

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