

Converting Colors

Decimal(15873740)

Have a look what the booklet for
Decimal(15873740) contains.

Decimal(15873740)	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(15873740)

Conversions

Conversions Part 1

Format	Color
Hex	F236CC
RGB	242, 54, 204
RGB Percent	95%, 21%, 80%
CMY	0.0510, 0.7882, 0.2000
CMYK	0.00, 0.78, 0.16, 0.05
HSL	312°, 88%, 58%
HSV	312°, 78%, 95%
XYZ	48.8362, 25.8752, 59.5472
YIQ	127.3120, 63.8980, 86.5060

Conversions

Conversions Part 2

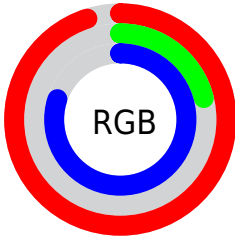
Format	Color
R _{YB}	242, 54, 204
Decimal	15873740
CIE _{Lab}	57.92, 81.86, -36.11
CIE _{LCh}	58, 89.468, 336.196
Yxy	25.8752, 0.3637, 0.1927
Android (android.graphics.Color)	4294063820 (0xFFFF236CC)
YUV	127.3120, 37.8072, 100.5814
Hunter-Lab	50.8677, 82.3529, -33.7992

Details

The Decimal color **15873740** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **3600988**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **16742911**, and **11862165** is the 20% darker color. If you saturate the color by 10%, you get **15867591**, and if you desaturate by 10%, it is **15879889**.

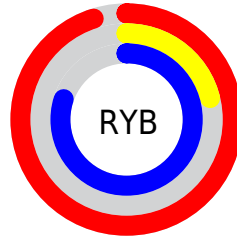
Distribution



Red (95%)

Green (21%)

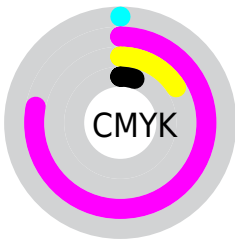
Blue (80%)



Red (95%)

Yellow (21%)

Blue (80%)

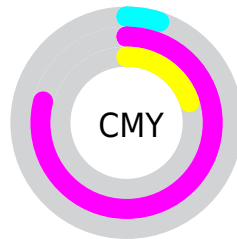


Cyan (0%)

Magenta (78%)

Yellow (16%)

Black (5%)



Cyan (5%)

Magenta (79%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15873740 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 15873740 by changing the saturation by 10% instead.

 15873740

 15873740

16777215

 13828272

 16742911

 11862165

 16750591

 9961595

 16758271

 8061026

 16765951

 6160457

 16773887

 4390962

 2424860

 0

 15873740

 15873740

 15867591

 15879889

 15861442

 15886038

 15859905

 15892443

 15898592

 15904740

 15910889

 15917038

 15923443

 15925240

Harmonies

Analogous

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



10120703



15873740



16711807

Triad

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



15873740



10128640



44007

Complementary

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



15873740



3600988

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.



44186



15873740



4300544

Square

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



15873740



14249472



43079



42239

Rectangle

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



15873740



16721996



43079



44239

Sweetspot

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



15873740



16762099



6043378



8412280



0



8421504

Same Dimension

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



15873740



16716495



15873646



7892085



12058770



3670061

Inverse Universe

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



15873740



16716495



3601082



7892085



12058770



3670061

Previews

White Background



This preview shows how the Decimal color 15873740 looks on a white background.

Color Contrast Check

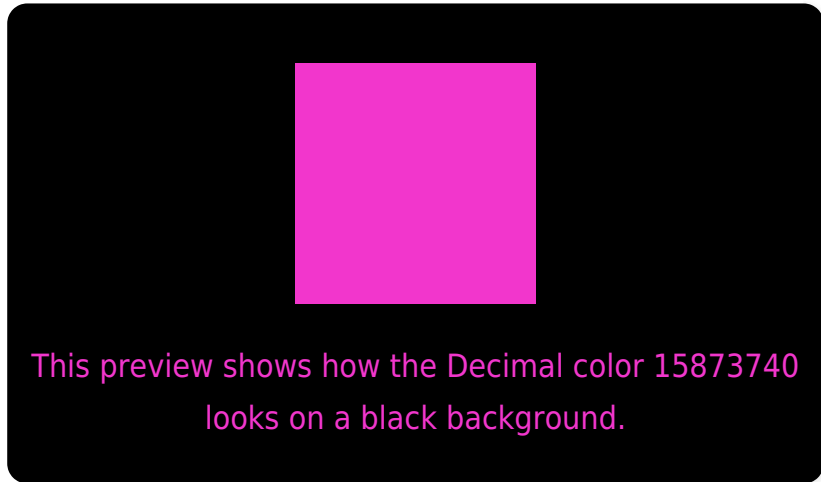
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Decimal 15873740 Background



This preview shows how black text looks on a background with the Decimal color 15873740.




This preview shows how white text looks on a background with the Decimal color 15873740.

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
15228002

Trichromacy



Original Color
15873740



Protanomaly
9071340



Deuteranomaly
10906565



Tritanomaly
15486601

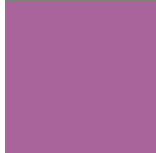
Monochromacy



Original Color
15873740



Achromatopsia
8355711



Achromatomaly
11101339

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15873740 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 #F236CC looks like.

```
.text, #text, p{  
    color:#F236CC  
}
```

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 #F236CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F236CC
}
```

Border

The CSS property to change the border of an element to Decimal 15873740 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
#F236CC }
```

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

```
.border{ border-color:#F236CC }
```

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

Here you see how a box with a 4 pixel #F236CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F236CC; -webkit-box-shadow:4px 4px  
4px 4px #F236CC; box-shadow:4px 4px 4px  
4px #F236CC }
```

Background

The CSS property to change the background color of an element to Decimal 15873740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F236CC }
```

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

```
.background{ background-color:#F236CC }
```

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