

# Converting Colors

Decimal(15887532)

Have a look what the booklet for  
Decimal(15887532) contains.

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# **Color**

**Decimal(15887532)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F26CAC
RGB	242, 108, 172
RGB Percent	95%, 42%, 67%
CMY	0.0510, 0.5765, 0.3255
CMYK	0.00, 0.55, 0.29, 0.05
HSL	331°, 84%, 69%
HSV	331°, 55%, 95%
XYZ	49.4269, 32.5809, 42.7134
YIQ	155.3620, 59.3200, 48.3120

# Conversions

## Conversions Part 2

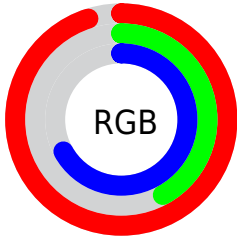
Format	Color
R <sub>Y</sub> B	242, 108, 172
Decimal	15887532
CIE Lab	63.82, 58.03, -8.79
CIE LCh	64, 58.688, 351.389
Yxy	32.5809, 0.3963, 0.2612
Android (android.graphics.Color)	4294077612 (0xFFFF26CAC)
YUV	155.3620, 8.2025, 75.9815
Hunter-Lab	57.0797, 54.6786, -4.4116

# Details

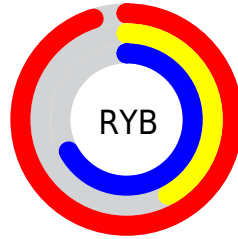
The Decimal color **15887532** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7140018**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16753891**, and **11940728** is the 20% darker color. If you saturate the color by 10%, you get **15881375**, and if you desaturate by 10%, it is **15893689**.

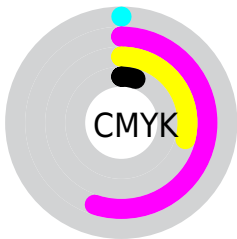
# Distribution



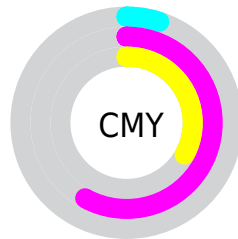
- Red (95%)
- Green (42%)
- Blue (67%)



- Red (95%)
- Yellow (42%)
- Blue (67%)



- Cyan (0%)
- Magenta (55%)
- Yellow (29%)
- Black (5%)



- Cyan (5%)
- Magenta (58%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15887532 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 15887532 by changing the saturation by 10% instead.



 15887532

 15887532

16777215

 13914257

 16753891

 11940728

 16761087

 10030431

 16768767

 8192071

 16776191

 6357041

 4587548

 2883585

 0

 15887532

 15887532

 15881375

 15893689

 15875219

 15899845

 15868806

 15906258

 15862649

 15912415

 15859828

 15918571

 15924728

 15925247

# Harmonies

## Analogous

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



13401565



15887532



16412024

# Triad

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



15887532



9610032



45291

# Complementary

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



15887532



7140018

# 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.



46271



15887532



5353046

# Square

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



15887532



12817196



45961



42495

# Rectangle

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



15887532



15759192



45961



45791



# Sweetspot

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



15887532



16766184



11627762



8414834



0



8421504



# Same Dimension

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



15887532



16734119



15887980



7892082



12058712



3670043



# Inverse Universe

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



15887532



16734119



7139570



7892082



12058712



3670043



# Previews

## White Background



This preview shows how the Decimal color 15887532 looks on a white background.

## Color Contrast Check

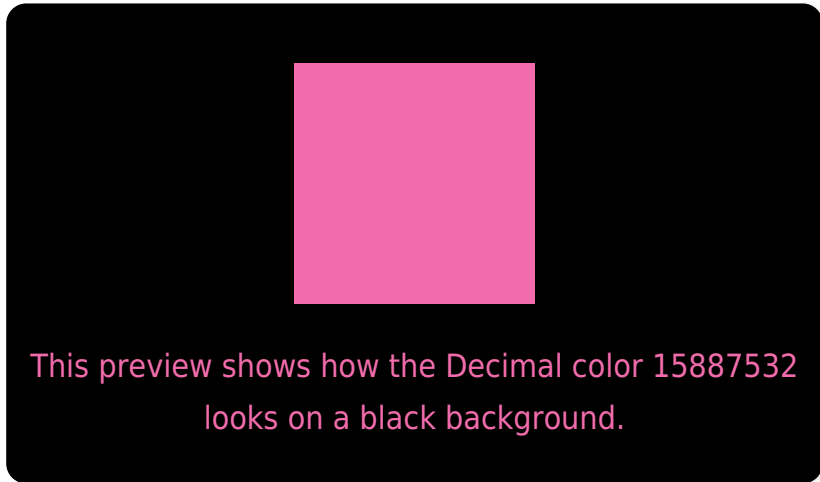
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 15887532 Background



This preview shows how black text looks on a background with the Decimal color 15887532.



This preview shows how white text looks on a background with the Decimal color 15887532.

# 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





# Trichromacy



**Original Color**

15887532



**Protanomaly**

11700671



**Deuteranomaly**

12683176



**Tritanomaly**

15692431

# Monochromacy



**Original Color**

15887532



**Achromatopsia**

10197915



**Achromatomaly**

12290721

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15887532 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 #F26CAC looks like.

```
.text, #text, p{  
    color:#F26CAC  
}
```

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 #F26CAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F26CAC
}
```

## Border

The CSS property to change the border of an element to Decimal 15887532 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
#F26CAC }
```

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

```
.border{ border-color:#F26CAC }
```

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

Here you see how a box with a 4 pixel #F26CAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F26CAC; -webkit-box-shadow:4px 4px  
4px 4px #F26CAC; box-shadow:4px 4px 4px  
4px #F26CAC }
```

# Background

The CSS property to change the background color of an element to Decimal 15887532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F26CAC }
```

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

```
.background{ background-color:#F26CAC }
```

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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