

# Converting Colors

Decimal(15872200)

Have a look what the booklet for  
Decimal(15872200) contains.

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# Color

**Decimal(15872200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F230C8
RGB	242, 48, 200
RGB Percent	95%, 19%, 78%
CMY	0.0510, 0.8118, 0.2157
CMYK	0.00, 0.80, 0.17, 0.05
HSL	313°, 88%, 57%
HSV	313°, 80%, 95%
XYZ	48.1002, 25.1613, 56.9650
YIQ	123.3340, 66.8320, 88.4000

# Conversions

## Conversions Part 2

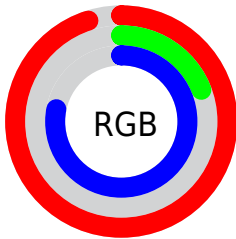
Format	Color
R <sub>YB</sub>	242, 48, 200
Decimal	15872200
CIE <sub>Lab</sub>	57.23, 82.79, -34.89
CIE <sub>LCh</sub>	57, 89.846, 337.147
Y <sub>xy</sub>	25.1613, 0.3694, 0.1932
Android (android.graphics.Color)	4294062280 (0xFFFF230C8)
YUV	123.3340, 37.7963, 104.0701
Hunter-Lab	50.1610, 83.3848, -32.2196

# Details

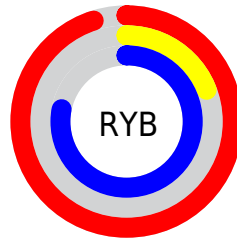
The Decimal color **15872200** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **3207770**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **16741887**, and **11862162** is the 20% darker color. If you saturate the color by 10%, you get **15866051**, and if you desaturate by 10%, it is **15878349**.

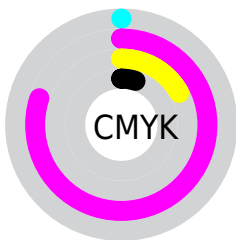
# Distribution



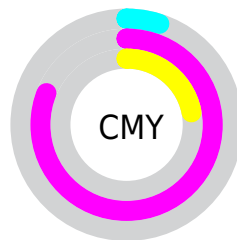
- Red (95%)
- Green (19%)
- Blue (78%)



- Red (95%)
- Yellow (19%)
- Blue (78%)



- Cyan (0%)
- Magenta (80%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (81%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15872200 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 15872200 by changing the saturation by 10% instead.



 15872200

 15872200

16777215

 13828268

 16741887

 11862162

 16749567

 9961592

 16757503

 7995486

 16765183

 6094918

 16772863

 4325423

 2359321

 0

 15872200

 15872200

■ 15866051

■ 15878349

■ 15859902

■ 15884498

■ 15890904

■ 15897053

■ 15903202

■ 15909351

■ 15915501

■ 15921906

■ 15925239

# Harmonies

## Analogous

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



10251007



15872200



16711802

# Triad

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



15872200



9866240



43495

# Complementary

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



15872200



3207770

# 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.



43675



15872200



3841536

# Square

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



15872200



14052864



42567



41727

# Rectangle

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



15872200



16721480



42567



43727



# Sweetspot

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



15872200



16761586



5714162



8412023



0



8421504



# Same Dimension

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



15872200



16714442



15872106



7892085



12058768



3670060



# Inverse Universe

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



15872200



16714442



3207864



7892085



12058768



3670060



# Previews

## White Background



This preview shows how the Decimal color 15872200 looks on a white background.

## Color Contrast Check

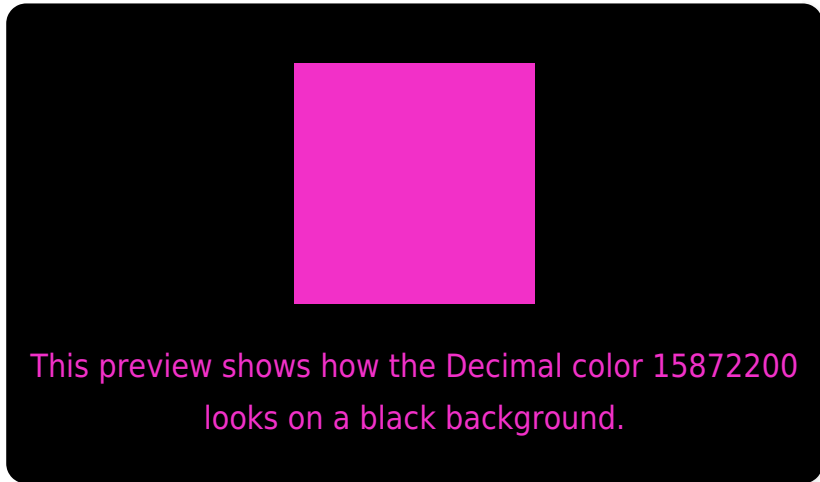
Large Text (above 18pt) WCAG AA ✓ Pass

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 15872200 Background



This preview shows how black text looks on a background with the Decimal color 15872200.



This preview shows how white text looks on a background with the Decimal color 15872200.

# 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**  
15872200

**Protanopia**  
4949759

**Deuteranopia**  
8030397



# Trichromacy



**Original Color**  
15872200



**Protanomaly**  
8939499



**Deuteranomaly**  
10905793



**Tritanomaly**  
15485317

# Monochromacy



**Original Color**  
15872200



**Achromatopsia**  
8092539



**Achromatomaly**  
10903703

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15872200 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 #F230C8 looks like.

```
.text, #text, p{  
    color:#F230C8  
}
```

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 #F230C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F230C8
}
```

## Border

The CSS property to change the border of an element to Decimal 15872200 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
#F230C8 }
```

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

```
.border{ border-color:#F230C8 }
```

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

Here you see how a box with a 4 pixel #F230C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F230C8; -webkit-box-shadow:4px 4px  
4px 4px #F230C8; box-shadow:4px 4px 4px  
4px #F230C8 }
```

# Background

The CSS property to change the background color of an element to Decimal 15872200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F230C8 }
```

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

```
.background{ background-color:#F230C8 }
```

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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