

# Converting Colors

Decimal(15828206)

Have a look what the booklet for  
Decimal(15828206) contains.

<b>Decimal(15828206)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15828206)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F184EE
RGB	241, 132, 238
RGB Percent	95%, 52%, 93%
CMY	0.0549, 0.4824, 0.0667
CMYK	0.00, 0.45, 0.01, 0.05
HSL	302°, 80%, 73%
HSV	302°, 45%, 95%
XYZ	59.9595, 41.3763, 85.7151
YIQ	176.6750, 30.9380, 56.0740

# Conversions

## Conversions Part 2

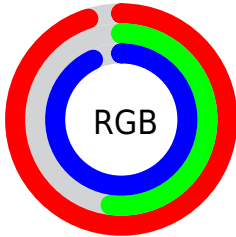
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 132, 238
Decimal	15828206
CIE <sub>Lab</sub>	70.44, 56.24, -35.64
CIE <sub>LCh</sub>	70, 66.581, 327.639
Yxy	41.3763, 0.3206, 0.2212
Android (android.graphics.Color)	4294018286 (0xFFFF184EE)
YUV	176.6750, 30.2332, 56.4130
Hunter-Lab	64.3244, 53.8195, -33.9794

# Details

The Decimal color **15828206** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8712583**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16760063**, and **12013238** is the 20% darker color. If you saturate the color by 10%, you get **15822061**, and if you desaturate by 10%, it is **15834351**.

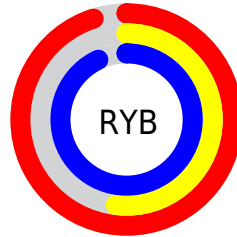
# Distribution



Red (95%)

Green (52%)

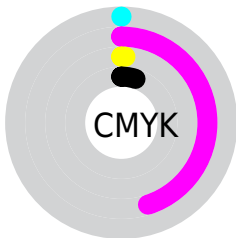
Blue (93%)



Red (95%)

Yellow (52%)

Blue (93%)

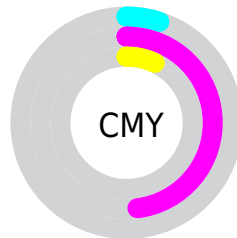


Cyan (0%)

Magenta (45%)

Yellow (1%)

Black (5%)



Cyan (5%)

Magenta (48%)















Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15828206 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 15828206 by changing the saturation by 10% instead.



 15828206	 15828206
16777215	 13920722
 16760063	 12013238
 16767487	 10171035
 16774911	 8327040
	 6553703
	 4784206
	 3276855
	 983073
	 5

 15828206

 15828206

 15822061

 15834351

 15815917

 15840495

 15809772

 15846640

 15803627

 15852785

 15797483

 15858929

 15794410

 15859698

 15859699

 15859700

# Harmonies

## Analogous

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



10788607



15828206



16741300

# Triad

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



15828206



13674533



51683

# Complementary

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



15828206



8712583

# 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.



51621



15828206



9746742

# Square

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



15828206



16617541



3982440



50175

# Rectangle

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



15828206



16741771



3982440



51663



# Sweetspot

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



15828206



16767998



8815857



8415871



0



8421504



# Same Dimension

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



15828206



16741883



15828153



7892088



12058803



3670071



# Inverse Universe

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



15828206



16741883



8712636



7892088



12058803



3670071



# Previews

## White Background



This preview shows how the Decimal color 15828206 looks on a white background.

## Color Contrast Check

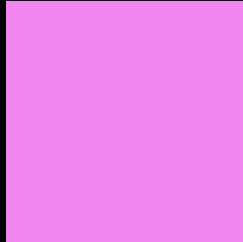
Large Text (above 18pt) WCAG AA × Fail

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 15828206 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

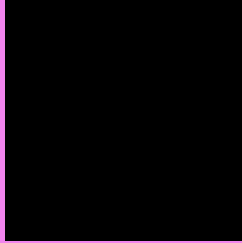
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 15828206 Background



This preview shows how black text looks on a background with the Decimal color 15828206.



This preview shows how white text looks on a background with the Decimal color 15828206.

# 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**  
15177121

# Trichromacy



**Original Color**  
15828206



**Protanomaly**  
11771129



**Deuteranomaly**  
12360938



**Tritanomaly**  
15437757

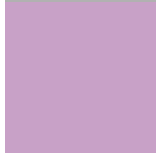
# Monochromacy



**Original Color**  
15828206



**Achromatopsia**  
11645361



**Achromatomaly**  
13148615

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15828206 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 #F184EE looks like.

```
.text, #text, p{  
    color:#F184EE  
}
```

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 #F184EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F184EE
}
```

## Border

The CSS property to change the border of an element to Decimal 15828206 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
#F184EE }
```

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

```
.border{ border-color:#F184EE }
```

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

Here you see how a box with a 4 pixel #F184EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F184EE; -webkit-box-shadow:4px 4px  
4px 4px #F184EE; box-shadow:4px 4px 4px  
4px #F184EE }
```

# Background

The CSS property to change the background color of an element to Decimal 15828206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F184EE }
```

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

```
.background{ background-color:#F184EE }
```

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