

# Converting Colors

Decimal(15301886)

Have a look what the booklet for  
Decimal(15301886) contains.

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# Color

**Decimal(15301886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E97CFE
RGB	233, 124, 254
RGB Percent	91%, 49%, 100%
CMY	0.0863, 0.5137, 0.0039
CMYK	0.08, 0.51, 0.00, 0.00
HSL	290°, 98%, 74%
HSV	290°, 51%, 100%
XYZ	58.7013, 38.8947, 98.1795
YIQ	171.4110, 23.2340, 63.5380

# Conversions

## Conversions Part 2

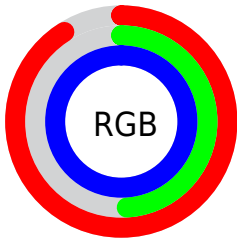
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 124, 254
Decimal	15301886
CIE Lab	68.67, 60.82, -47.23
CIE LCh	69, 77.006, 322.171
Yxy	38.8947, 0.2998, 0.1987
Android (android.graphics.Color)	4293491966 (0xFFE97CFE)
YUV	171.4110, 40.7164, 54.0136
Hunter-Lab	62.3656, 58.8724, -49.6817

# Details

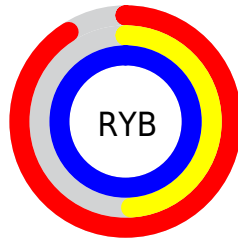
The Decimal color **15301886** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9567868**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16758015**, and **11486661** is the 20% darker color. If you saturate the color by 10%, you get **15033342**, and if you desaturate by 10%, it is **15570430**.

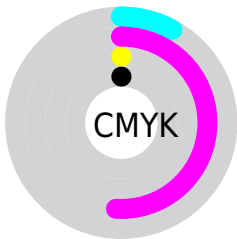
# Distribution



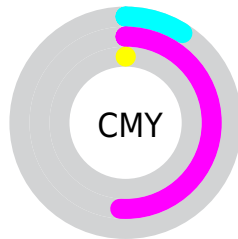
- Red (91%)
- Green (49%)
- Blue (100%)



- Red (91%)
- Yellow (49%)
- Blue (100%)



- Cyan (8%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)

















- Cyan (9%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15301886 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 15301886 by changing the saturation by 10% instead.



 15301886	 15301886
16777215	 13394401
 16758015	 11486661
 16765439	 9578409
 16772863	 7798926
	 5963892
	 4194395
	 2621507
	 43
	 277

■ 15301886

■ 15301886

■ 15033342

■ 15570430

■ 14764542

■ 15839230

■ 14495998

■ 16107774

■ 14227198

■ 16376574

■ 13959422

■ 16710654

16777214

# Harmonies

## Analogous

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



8363519



15301886



16736445

# Triad

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



15301886



14196224



51162

# Complementary

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



15301886



9567868

# 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.



50834



15301886



9941760

# Square

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



15301886



16744504



3194955



50175

# Rectangle

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



15301886



16736142



3194955



51395



# Sweetspot

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



15301886



16374271



8164094



8153472



0



8421504



# Same Dimension

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



15301886



15098879



16678099



8221568



10485951



3473472



# Inverse Universe

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



16678033



16737149



8191655



8418165



12517407



4194314



# Previews

## White Background



This preview shows how the Decimal color 15301886 looks on a white background.

## Color Contrast Check

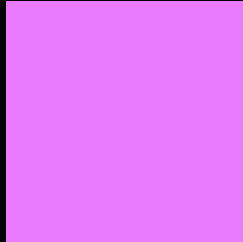
Large Text (above 18pt) WCAG AA × Fail

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 15301886 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

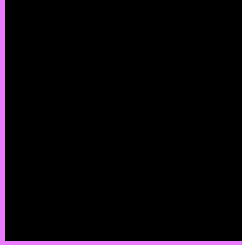
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15301886 Background



This preview shows how black text looks on a background with the Decimal color 15301886.




This preview shows how white text looks on a background with the Decimal color 15301886.

# 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**  
14455711

# Trichromacy



**Original Color**  
15301886



**Protanomaly**  
11245311



**Deuteranomaly**  
11245561



**Tritanomaly**  
14781378

# Monochromacy



**Original Color**  
15301886



**Achromatopsia**  
11250603



**Achromatomaly**  
12753609

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15301886 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 #E97CFE looks like.

```
.text, #text, p{  
    color:#E97CFE  
}
```

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 #E97CFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97CFE
}
```

## Border

The CSS property to change the border of an element to Decimal 15301886 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
#E97CFE }
```

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

```
.border{ border-color:#E97CFE }
```

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

Here you see how a box with a 4 pixel #E97CFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97CFE; -webkit-box-shadow:4px 4px  
4px 4px #E97CFE; box-shadow:4px 4px 4px  
4px #E97CFE }
```

# Background

The CSS property to change the background color of an element to Decimal 15301886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97CFE }
```

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

```
.background{ background-color:#E97CFE }
```

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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