

# Converting Colors

Decimal(15771635)

Have a look what the booklet for  
Decimal(15771635) contains.

<b>Decimal(15771635)</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(15771635)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0A7F3
RGB	240, 167, 243
RGB Percent	94%, 65%, 95%
CMY	0.0588, 0.3451, 0.0471
CMYK	0.01, 0.31, 0.00, 0.05
HSL	298°, 76%, 80%
HSV	298°, 31%, 95%
XYZ	65.9316, 52.6338, 91.4784
YIQ	197.4910, 19.1120, 39.1120

# Conversions

## Conversions Part 2

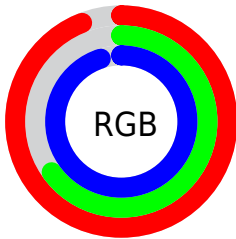
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 167, 243
Decimal	15771635
CIE Lab	77.66, 38.91, -27.24
CIE LCh	78, 47.498, 325.006
Yxy	52.6338, 0.3139, 0.2506
Android (android.graphics.Color)	4293961715 (0xFFFF0A7F3)
YUV	197.4910, 22.4359, 37.2804
Hunter-Lab	72.5491, 35.2571, -23.9753

# Details

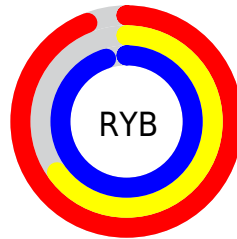
The Decimal color **15771635** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **11203495**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16769023**, and **12022459** is the 20% darker color. If you saturate the color by 10%, you get **15699955**, and if you desaturate by 10%, it is **15843315**.

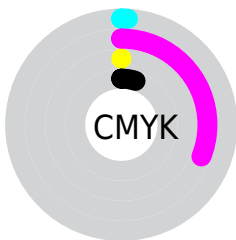
# Distribution



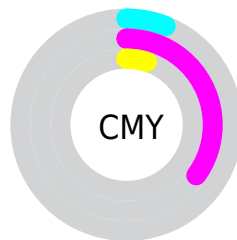
- Red (94%)
- Green (65%)
- Blue (95%)



- Red (94%)
- Yellow (65%)
- Blue (95%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (35%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15771635 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 15771635 by changing the saturation by 10% instead.



 15771635

 15771635

16777215

 13864150

 16769023

 12022459

 16776447

 10180768

 8404869

 6694508

 5049171

 3407932

 2031654

 270

 15771635

 15771635

 15699955

 15843315

 15628019

 15915251

 15556339

 15986931

 15484659

 16056307

 15412723

 16121843

 15341043

 16187379

 15270131

 16252915

 16318451

 16383987

# Harmonies

## Analogous

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



12171263



15771635



16752073

# Triad

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



15771635



14859111



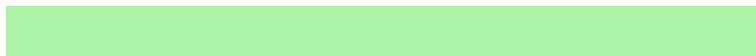
55012

# Complementary

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



15771635



11203495

# 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.



3856055



15771635



11978862

# Square

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



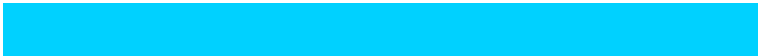
15771635



16755577



8573580



53759

# Rectangle

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



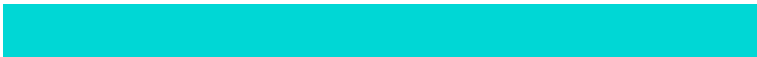
15771635



16752043



8573580



55253



# Sweetspot

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



15771635



16705791



10988531



8352128



0



8421504



# Same Dimension

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



15771635



16490239



15968209



8023674



11731130



3670075



# Inverse Universe

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



15968170



16752290



11006921



8023663



12189703



3866626



# Previews

## White Background



This preview shows how the Decimal color 15771635 looks on a white background.

## Color Contrast Check

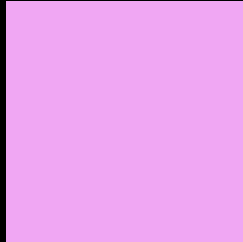
Large Text (above 18pt) WCAG AA × Fail

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 15771635 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 15771635 Background



This preview shows how black text looks on a background with the Decimal color 15771635.




This preview shows how white text looks on a background with the Decimal color 15771635.

# 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**  
15315391

# Trichromacy



**Original Color**  
15771635



**Protanomaly**  
13022971



**Deuteranomaly**  
13546736



**Tritanomaly**  
15510994

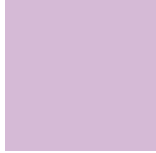
# Monochromacy



**Original Color**  
15771635



**Achromatopsia**  
12961221



**Achromatomaly**  
14006998

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15771635 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 #F0A7F3 looks like.

```
.text, #text, p{  
    color:#F0A7F3  
}
```

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 #F0A7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A7F3
}
```

## Border

The CSS property to change the border of an element to Decimal 15771635 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
#F0A7F3 }
```

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

```
.border{ border-color:#F0A7F3 }
```

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

Here you see how a box with a 4 pixel #F0A7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A7F3; -webkit-box-shadow:4px 4px  
4px 4px #F0A7F3; box-shadow:4px 4px 4px  
4px #F0A7F3 }
```

# Background

The CSS property to change the background color of an element to Decimal 15771635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A7F3 }
```

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

```
.background{ background-color:#F0A7F3 }
```

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