

# Converting Colors

Decimal(16555511)

Have a look what the booklet for  
Decimal(16555511) contains.

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# **Color**

**Decimal(16555511)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC9DF7
RGB	252, 157, 247
RGB Percent	99%, 62%, 97%
CMY	0.0118, 0.3843, 0.0314
CMYK	0.00, 0.38, 0.02, 0.01
HSL	303°, 94%, 80%
HSV	303°, 38%, 99%
XYZ	68.9904, 51.5248, 94.3048
YIQ	195.6650, 27.7300, 48.1300

# Conversions

## Conversions Part 2

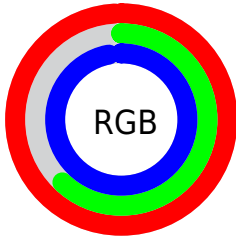
Format	Color
R <sub>Y</sub> B	252, 157, 247
Decimal	16555511
CIE Lab	77.00, 48.51, -30.31
CIE LCh	77, 57.197, 328.005
Yxy	51.5248, 0.3212, 0.2399
Android (android.graphics.Color)	4294745591 (0xFFFC9DF7)
YUV	195.6650, 25.3082, 49.4058
Hunter-Lab	71.7808, 45.9446, -27.6480

# Details

The Decimal color **16555511** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **10353826**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16766463**, and **12740542** is the 20% darker color. If you saturate the color by 10%, you get **16549110**, and if you desaturate by 10%, it is **16561912**.

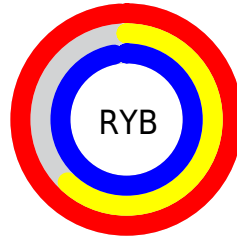
# Distribution



Red (99%)

Green (62%)

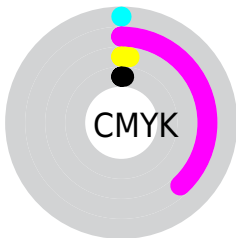
Blue (97%)



Red (99%)

Yellow (62%)

Blue (97%)

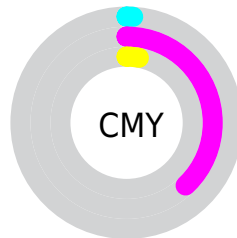


Cyan (0%)

Magenta (38%)

Yellow (2%)

Black (1%)



Cyan (1%)

Magenta (38%)














Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16555511 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 16555511 by changing the saturation by 10% instead.



 16555511	 16555511
16777215	 14648026
 16766463	 12740542
 16773887	 10898851
	 9057161
	 7279983
	 5570646
	 3866687
	 2424872
	 274

 16555511

 16555511

 16549110

 16561912

 16542708

 16568314

 16536051

 16574971

 16529650

 16580604

 16523248

 16580606

 16516847

 16580607

 16515311

# Harmonies

## Analogous

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



12301055



16555511



16748996

# Triad

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



1655511



14727760



55534

# Complementary

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



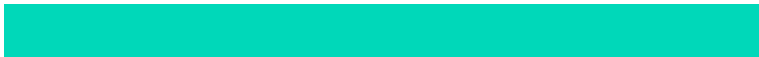
1655511



1035326

# 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.



55481



1655511



11258460

# Square

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



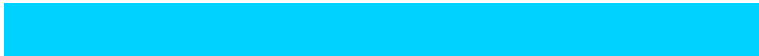
1655511



16754533



6804612



54015

# Rectangle

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



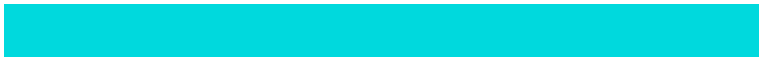
16555511



16749216



6804612



55773



# Sweetspot

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



16555511



16770046



10657276



8417151



0



8421504



# Same Dimension

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



16555511



16747769



16555464



8220796



12386483



3997754



# Inverse Universe

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



16555511



16747769



10353873



8220796



12386483



3997754



# Previews

## White Background



This preview shows how the Decimal color 16555511 looks on a white background.

## Color Contrast Check

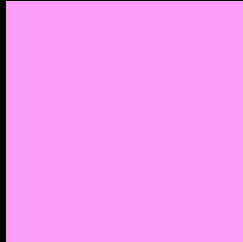
Large Text (above 18pt) WCAG AA × Fail

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 16555511 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 1655511 Background



This preview shows how black text looks on a background with the Decimal color 1655511.




This preview shows how white text looks on a background with the Decimal color 1655511.

# 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**  
16034487

# Trichromacy



**Original Color**  
16555511



**Protanomaly**  
13152764



**Deuteranomaly**  
13611252



**Tritanomaly**  
16229838

# Monochromacy



**Original Color**  
16555511



**Achromatopsia**  
12895428



**Achromatomaly**  
14202583

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16555511 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 #FC9DF7 looks like.

```
.text, #text, p{  
    color:#FC9DF7  
}
```

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 #FC9DF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC9DF7
}
```

## Border

The CSS property to change the border of an element to Decimal 16555511 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
#FC9DF7 }
```

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

```
.border{ border-color:#FC9DF7 }
```

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

Here you see how a box with a 4 pixel #FC9DF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC9DF7; -webkit-box-shadow:4px 4px  
4px 4px #FC9DF7; box-shadow:4px 4px 4px  
4px #FC9DF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 16555511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC9DF7 }
```

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

```
.background{ background-color:#FC9DF7 }
```

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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