

# Converting Colors

Decimal(16355790)

Have a look what the booklet for  
Decimal(16355790) contains.

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# **Color**

**Decimal(16355790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F991CE
RGB	249, 145, 206
RGB Percent	98%, 57%, 81%
CMY	0.0235, 0.4314, 0.1922
CMYK	0.00, 0.42, 0.17, 0.02
HSL	325°, 90%, 77%
HSV	325°, 42%, 98%
XYZ	60.3329, 44.8468, 63.8689
YIQ	183.0500, 42.4030, 41.0190

# Conversions

## Conversions Part 2

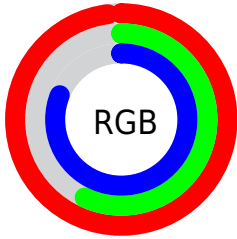
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 145, 206
Decimal	16355790
CIE Lab	72.79, 46.99, -14.33
CIE LCh	73, 49.127, 343.038
Yxy	44.8468, 0.3569, 0.2653
Android (android.graphics.Color)	4294545870 (0xFFFF991CE)
YUV	183.0500, 11.3144, 57.8382
Hunter-Lab	66.9677, 43.6216, -9.6691

# Details

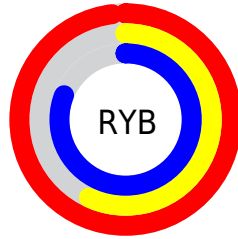
The Decimal color **16355790** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9566652**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **16763391**, and **12541080** is the 20% darker color. If you saturate the color by 10%, you get **16349380**, and if you desaturate by 10%, it is **16362200**.

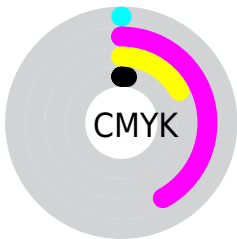
# Distribution



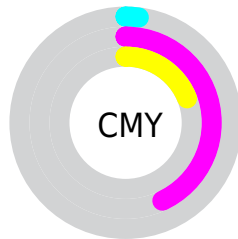
- Red (98%)
- Green (57%)
- Blue (81%)



- Red (98%)
- Yellow (57%)
- Blue (81%)



- Cyan (0%)
- Magenta (42%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (43%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16355790 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 16355790 by changing the saturation by 10% instead.



 16355790

 16355790

16777215

 14448306

 16763391

 12541080

 16770559

 10633598

 8857189

 7013197

 5308470

 3670049

 1835013

 0

 16355790

 16355790

 16349380

 16362200

 16342969

 16368611

 16336559

 16375021

 16330149

 16381431

 16323739

 16383999

 16318610

# Harmonies

## Analogous

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



13672437



16355790



16748193

# Triad

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



16355790



12301912



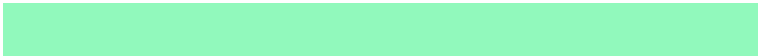
51183

# Complementary

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



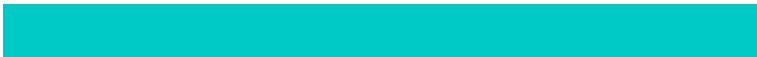
16355790



9566652

# 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.



51909



16355790



9028207

# Square

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



16355790



14919516



4638871



49151

# Rectangle

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



16355790



16749444



4638871



51426



# Sweetspot

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



16355790



16768753



12292601



8416119



0



8421504



# Same Dimension

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



16355790



16744650



16355739



8220792



12386415



3997732



# Inverse Universe

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



16355790



16744650



9566703



8220792



12386415

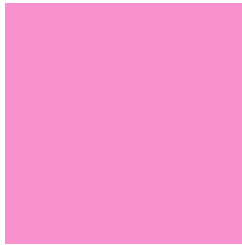


3997732



# Previews

## White Background



This preview shows how the Decimal color 16355790 looks on a white background.

## Color Contrast Check

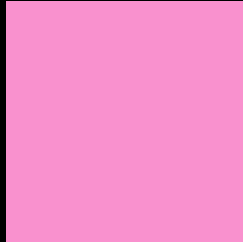
Large Text (above 18pt) WCAG AA × Fail

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 16355790 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 16355790 Background



This preview shows how black text looks on a background with the Decimal color 16355790.



This preview shows how white text looks on a background with the Decimal color 16355790.

# 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**  
16095652

# Trichromacy



**Original Color**  
16355790



**Protanomaly**  
12887516



**Deuteranomaly**  
13738955



**Tritanomaly**  
16160435

# Monochromacy



**Original Color**  
16355790



**Achromatopsia**  
12040119



**Achromatomaly**  
13609407

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16355790 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 #F991CE looks like.

```
.text, #text, p{  
    color:#F991CE  
}
```

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 #F991CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F991CE
}
```

## Border

The CSS property to change the border of an element to Decimal 16355790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

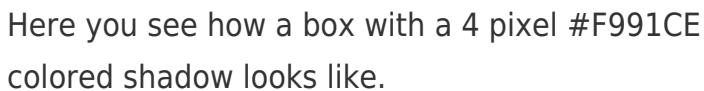
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F991CE }
```

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

```
.border{ border-color:#F991CE }
```

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



Here you see how a box with a 4 pixel #F991CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F991CE; -webkit-box-shadow:4px 4px  
4px 4px #F991CE; box-shadow:4px 4px 4px  
4px #F991CE }
```

# Background

The CSS property to change the background color of an element to Decimal 16355790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F991CE }
```

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

```
.background{ background-color:#F991CE }
```

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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