

# Converting Colors

Decimal(15765950)

Have a look what the booklet for  
Decimal(15765950) contains.

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# **Color**

**Decimal(15765950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F091BE
RGB	240, 145, 190
RGB Percent	94%, 57%, 75%
CMY	0.0588, 0.4314, 0.2549
CMYK	0.00, 0.40, 0.21, 0.06
HSL	332°, 76%, 75%
HSV	332°, 40%, 94%
XYZ	55.3548, 42.4938, 53.9998
YIQ	178.5350, 42.1750, 34.1350

# Conversions

## Conversions Part 2

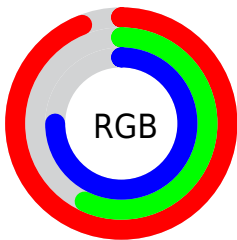
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 145, 190
Decimal	15765950
CIE Lab	71.21, 41.65, -7.95
CIE LCh	71, 42.397, 349.196
Yxy	42.4938, 0.3645, 0.2798
Android (android.graphics.Color)	4293956030 (0xFFFF091BE)
YUV	178.5350, 5.6522, 53.9048
Hunter-Lab	65.1872, 37.4986, -3.4836

# Details

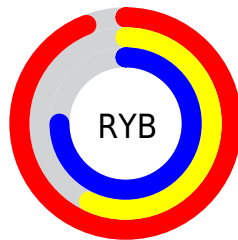
The Decimal color **15765950** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9564355**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16763126**, and **11951241** is the 20% darker color. If you saturate the color by 10%, you get **15759793**, and if you desaturate by 10%, it is **15772107**.

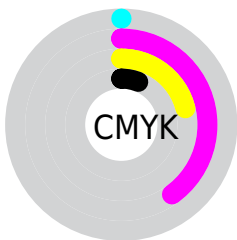
# Distribution



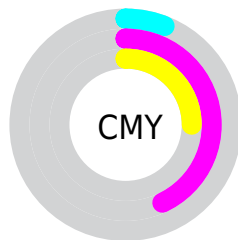
- Red (94%)
- Green (57%)
- Blue (75%)



- Red (94%)
- Yellow (57%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (6%)



- Cyan (6%)
- Magenta (43%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15765950 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 15765950 by changing the saturation by 10% instead.



 15765950

 15765950

16777215

 13858467

 16763126

 11951241

 16770559

 10109807

 8333655

 6556480

 4849706

 3342358

 655360

 0

 15765950

 15765950

 15759793

 15772107

 15753637

 15778263

 15747480

 15784420

 15741323

 15790577

 15735167

 15794173

 15729010

 15794175

 15728754

# Harmonies

## Analogous

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



13736929



15765950



16355735

# Triad

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



15765950



11449444



49128

# Complementary

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



15765950



9564355

# 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.



50118



15765950



8568186

# Square

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



15765950



13870946



4965023



5682938

# Rectangle

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



15765950



16029311



4965023



49630



# Sweetspot

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



15765950



16769263



12751344



8416886



0



8421504



# Same Dimension

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



15765950



16745919



15766417



7892082



12058711



3670043



# Inverse Universe

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



15765950



16745919



9563888



7892082



12058711



3670043



# Previews

## White Background



This preview shows how the Decimal color 15765950 looks on a white background.

## Color Contrast Check

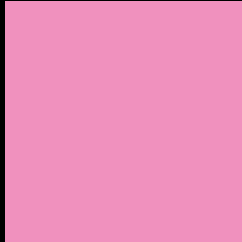
Large Text (above 18pt) WCAG AA × Fail

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 15765950 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 15765950 Background



This preview shows how black text looks on a background with the Decimal color 15765950.



This preview shows how white text looks on a background with the Decimal color 15765950.

# 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**  
15570594

# Trichromacy



**Original Color**  
15765950



**Protanomaly**  
12755913



**Deuteranomaly**  
13541819

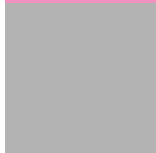


**Tritanomaly**  
15635628

# Monochromacy



**Original Color**  
15765950



**Achromatopsia**  
11776947



**Achromatomaly**  
13215671

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15765950 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 #F091BE looks like.

```
.text, #text, p{  
    color:#F091BE  
}
```

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 #F091BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F091BE
}
```

## Border

The CSS property to change the border of an element to Decimal 15765950 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
#F091BE }
```

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

```
.border{ border-color:#F091BE }
```

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

Here you see how a box with a 4 pixel #F091BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F091BE; -webkit-box-shadow:4px 4px  
4px 4px #F091BE; box-shadow:4px 4px 4px  
4px #F091BE }
```

# Background

The CSS property to change the background color of an element to Decimal 15765950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F091BE }
```

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

```
.background{ background-color:#F091BE }
```

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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