

# Converting Colors

Decimal(15766010)

Have a look what the booklet for  
Decimal(15766010) contains.

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# **Color**

**Decimal(15766010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F091FA
RGB	240, 145, 250
RGB Percent	94%, 57%, 98%
CMY	0.0588, 0.4314, 0.0196
CMYK	0.04, 0.42, 0.00, 0.02
HSL	294°, 91%, 77%
HSV	294°, 42%, 98%
XYZ	63.3159, 45.6782, 95.9221
YIQ	185.3750, 22.9150, 52.7950

# Conversions

## Conversions Part 2

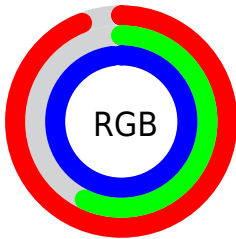
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 145, 250
Decimal	15766010
CIE Lab	73.34, 51.61, -37.70
CIE LCh	73, 63.911, 323.853
Yxy	45.6782, 0.3090, 0.2229
Android (android.graphics.Color)	4293956090 (0xFFFF091FA)
YUV	185.3750, 31.8601, 47.9061
Hunter-Lab	67.5856, 48.9483, -36.8384

# Details

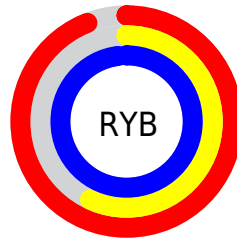
The Decimal color **15766010** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **10222225**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16763391**, and **11951041** is the 20% darker color. If you saturate the color by 10%, you get **15628538**, and if you desaturate by 10%, it is **15903482**.

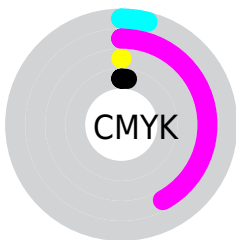
# Distribution



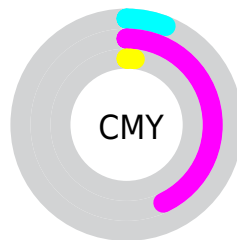
- Red (94%)
- Green (57%)
- Blue (98%)



- Red (94%)
- Yellow (57%)
- Blue (98%)



- Cyan (4%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (43%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15766010 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 15766010 by changing the saturation by 10% instead.



 15766010

 15766010

16777215

 13858525

 16763391

 11951041

 16770815

 10109350

 8332683

 6553713

 4849752

 3211328

 1376298

 275

 15766010

 15766010

 15628538

 15903482

 15425530

 16106490

 15288058

 16243962

 15085050

 16446970

 14947578

 16580602

 14811386

 16711674

 16777210

# Harmonies

## Analogous

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



10595071



15766010



16744643

# Triad

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



15766010



14593336



53474

# Complementary

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



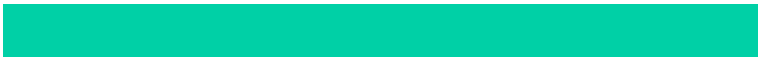
15766010



10222225

# 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.



53414



15766010



10927936

# Square

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



15766010



16750166



6015596



52223

# Rectangle

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



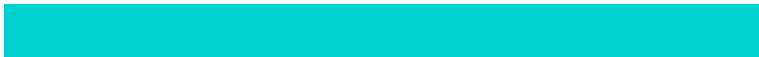
15766010



16744347



6015596



53710



# Sweetspot

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



15766010



16572159



9542650



8285056



0



8421504



# Same Dimension

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



15766010



15958271



16421328



8155261



11206845



3604541



# Inverse Universe

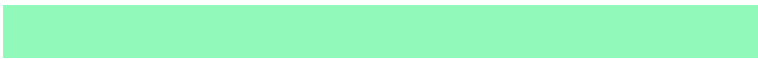
The Inverse Universe completely reimagines the original color for something new.



16421275



16744588



9566907



8220786



12386322

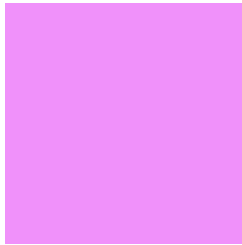


3997702



# Previews

## White Background



This preview shows how the Decimal color 15766010 looks on a white background.

## Color Contrast Check

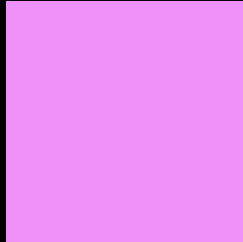
Large Text (above 18pt) WCAG AA × Fail

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 15766010 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 15766010 Background



This preview shows how black text looks on a background with the Decimal color 15766010.




This preview shows how white text looks on a background with the Decimal color 15766010.

# 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**  
15114926

# Trichromacy



**Original Color**  
15766010



**Protanomaly**  
12232445



**Deuteranomaly**  
12494582



**Tritanomaly**  
15375562

# Monochromacy



**Original Color**  
15766010



**Achromatopsia**  
12171705



**Achromatomaly**  
13478609

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15766010 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 #F091FA looks like.

```
.text, #text, p{  
    color:#F091FA  
}
```

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 #F091FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F091FA
}
```

## Border

The CSS property to change the border of an element to Decimal 15766010 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
#F091FA }
```

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

```
.border{ border-color:#F091FA }
```

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

Here you see how a box with a 4 pixel #F091FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F091FA; -webkit-box-shadow:4px 4px  
4px 4px #F091FA; box-shadow:4px 4px 4px  
4px #F091FA }
```

# Background

The CSS property to change the background color of an element to Decimal 15766010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F091FA }
```

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

```
.background{ background-color:#F091FA }
```

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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