

# Converting Colors

Decimal(15745766)

Have a look what the booklet for  
Decimal(15745766) contains.

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**Color**

**Decimal(15745766)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F042E6
RGB	240, 66, 230
RGB Percent	94%, 26%, 90%
CMY	0.0588, 0.7412, 0.0980
CMYK	0.00, 0.72, 0.04, 0.06
HSL	303°, 85%, 60%
HSV	303°, 72%, 94%
XYZ	52.1663, 28.1349, 77.5440
YIQ	136.7220, 51.0600, 87.8920

# Conversions

## Conversions Part 2

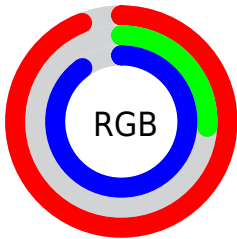
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	240, 66, 230
Decimal	15745766
CIE <sub>Lab</sub>	60.01, 81.74, -47.55
CIE <sub>LCh</sub>	60, 94.568, 329.812
Yxy	28.1349, 0.3305, 0.1782
Android (android.graphics.Color)	4293935846 (0xFFFF042E6)
YUV	136.7220, 45.9861, 90.5748
Hunter-Lab	53.0423, 82.7281, -49.5481

# Details

The Decimal color **15745766** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **4386892**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16745215**, and **11796654** is the 20% darker color. If you saturate the color by 10%, you get **15739621**, and if you desaturate by 10%, it is **15751911**.

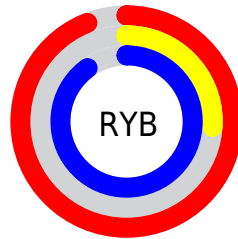
# Distribution



Red (94%)

Green (26%)

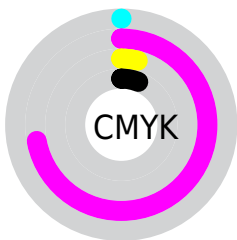
Blue (90%)



Red (94%)

Yellow (26%)

Blue (90%)

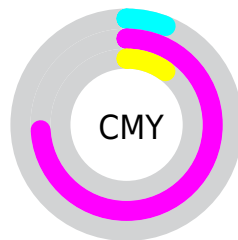


Cyan (0%)

Magenta (72%)

Yellow (4%)

Black (6%)



Cyan (6%)

Magenta (74%)

















Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15745766 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 15745766 by changing the saturation by 10% instead.



 15745766	 15745766
16777215	 13768138
 16745215	 11796654
 16752639	 9830547
 16760319	 7929976
 16767999	 6094943
 16775935	 4390983
	 2359343
	 281
	 0

 15745766

 15745766

 15739621

 15751911

 15733475

 15758057

 15728866

 15764202

 15770348

 15776493

 15782638

 15788784

 15794161

 15794162

# Harmonies

## Analogous

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



8223487



15745766



16711829

# Triad

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



15745766



11570432



46050

# Complementary

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



15745766



4386892

# 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.



45710



15745766



6005504

# Square

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



15745766



15689728



44595



44543

# Rectangle

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



15745766



16712286



44595



46023



# Sweetspot

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



15745766



16762876



4932336



8412798



0



8421504



# Same Dimension

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



15745766



16720370



15745680



7892087



12058797



3670069



# Inverse Universe

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



15745766



16720370



4386978



7892087



12058797



3670069



# Previews

## White Background



This preview shows how the Decimal color 15745766 looks on a white background.

## Color Contrast Check

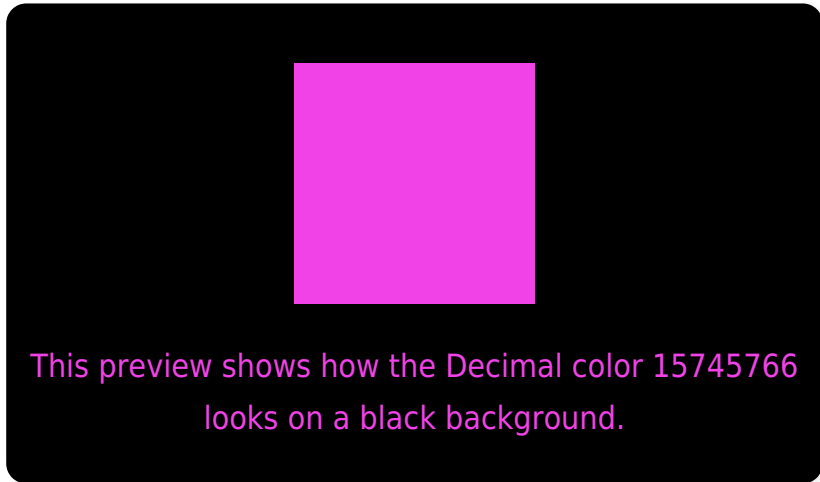
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15745766 Background



This preview shows how black text looks on a background with the Decimal color 15745766.



This preview shows how white text looks on a background with the Decimal color 15745766.

# 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**  
14903921

# Trichromacy



**Original Color**  
15745766



**Protanomaly**  
9532150



**Deuteranomaly**  
10319070



**Tritanomaly**  
15227804

# Monochromacy



**Original Color**  
15745766



**Achromatopsia**  
9013641



**Achromatomaly**  
11431851

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15745766 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 #F042E6 looks like.

```
.text, #text, p{  
    color:#F042E6  
}
```

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 #F042E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F042E6
}
```

## Border

The CSS property to change the border of an element to Decimal 15745766 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
#F042E6 }
```

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

```
.border{ border-color:#F042E6 }
```

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

Here you see how a box with a 4 pixel #F042E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F042E6; -webkit-box-shadow:4px 4px  
4px 4px #F042E6; box-shadow:4px 4px 4px  
4px #F042E6 }
```

# Background

The CSS property to change the background color of an element to Decimal 15745766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F042E6 }
```

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

```
.background{ background-color:#F042E6 }
```

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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