

Converting Colors

Decimal(15745008)

Have a look what the booklet for
Decimal(15745008) contains.

Decimal(15745008) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

Decimal(15745008)

Conversions

Conversions Part 1	
Format	Color
Hex	F03FF0
RGB	240, 63, 240
RGB Percent	94%, 25%, 94%
CMY	0.0588, 0.7529, 0.0588
CMYK	0.00, 0.74, 0.00, 0.06
HSL	300°, 86%, 59%
HSV	300°, 74%, 94%
XYZ	53.4409, 28.3715, 85.0977
YIQ	136.1010, 48.6750, 92.5710

Conversions

Conversions Part 2

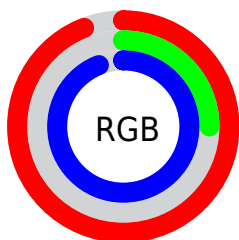
Format	Color
RYB	240, 63, 240
Decimal	15745008
CIELab	60.22, 84.13, -52.81
CIELCh	60, 99.333, 327.886
Yxy	28.3715, 0.3202, 0.1700
Android (android.graphics.Color)	4293935088 (0xFFFF03FF0)
YUV	136.1010, 51.2222, 91.1194
Hunter-Lab	53.2650, 85.8759, -57.4380

Details

The Decimal color **15745008** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **4190271**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16744703**, and **11796663** is the 20% darker color. If you saturate the color by 10%, you get **15738864**, and if you desaturate by 10%, it is **15751152**.

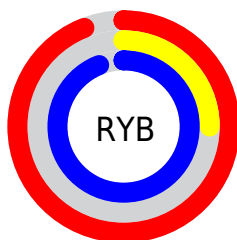
Distribution



Red (94%)

Green (25%)

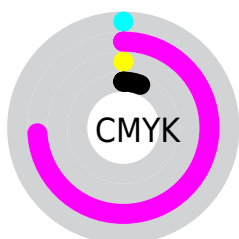
Blue (94%)



Red (94%)

Yellow (25%)

Blue (94%)

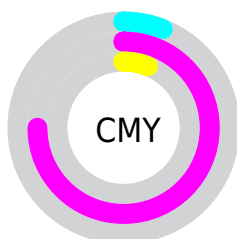


Cyan (0%)

Magenta (74%)

Yellow (0%)

Black (6%)



Cyan (6%)

















Magenta (75%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15745008 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 15745008 by changing the saturation by 10% instead.

	15745008		15745008
	16777215		13765587
	16744703		11796663
	16752383		9830556
	16760063		7929985
	16767743		6029415
	16775679		4325455
			2228278
			544
			4

 15745008

 15745008

 15738864

 15751152

 15732720

 15757296

 15728880

 15763440

 15769584

 15775728

 15781872

 15788016

 15794160

Harmonies

Analogous

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



7044351



15745008



16711835

Triad

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



15745008



11963392



46562

Complementary

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



15745008



4190271

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.



46216



15745008



6202112

Square

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



15745008



16147200



44837



45311

Rectangle

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



15745008



16711778



44837



46533

Sweetspot

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



15745008



16762879



4145136



8412800



0



8421504

Same Dimension

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



15745008



16719103



15744919



7892088



12058808



3670072

Inverse Universe

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



15745008



16719103



4190359



7892088



12058808



3670072

Previews

White Background



This preview shows how the Decimal color 15745008 looks on a white background.

Color Contrast Check

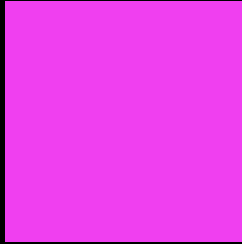
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 15745008 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 × Fail

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

Decimal 15745008 Background



This preview shows how black text looks on a background with the Decimal color 15745008.



This preview shows how white text looks on a background with the Decimal color 15745008.

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



Original Color

15745008

Protanopia

6065919

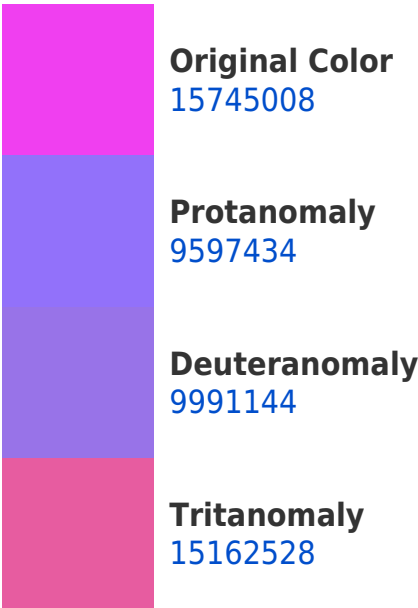
Deuteranopia

6656484



Tritanopia
14838899

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15745008 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 #F03FF0 looks like.

```
.text, #text, p{  
    color:#F03FF0  
}
```

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 #F03FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F03FF0
}
```

Border

The CSS property to change the border of an element to Decimal 15745008 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
#F03FF0 }
```

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

```
.border{ border-color:#F03FF0 }
```

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

Here you see how a box with a 4 pixel #F03FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F03FF0; -webkit-box-shadow:4px 4px  
4px 4px #F03FF0; box-shadow:4px 4px 4px  
4px #F03FF0 }
```

Background

The CSS property to change the background color of an element to Decimal 15745008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F03FF0 }
```

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

```
.background{ background-color:#F03FF0 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor