

# Converting Colors

Decimal(15743728)

Have a look what the booklet for  
Decimal(15743728) contains.

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# Color

**Decimal(15743728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F03AF0
RGB	240, 58, 240
RGB Percent	94%, 23%, 94%
CMY	0.0588, 0.7725, 0.0588
CMYK	0.00, 0.76, 0.00, 0.06
HSL	300°, 86%, 58%
HSV	300°, 76%, 94%
XYZ	53.1764, 27.8426, 85.0095
YIQ	133.1660, 50.0500, 95.1860

# Conversions

## Conversions Part 2

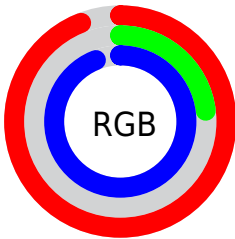
Format	Color
R <sub>Y</sub> B	240, 58, 240
Decimal	15743728
CIE Lab	59.75, 85.51, -53.56
CIE LCh	60, 100.899, 327.936
Yxy	27.8426, 0.3203, 0.1677
Android (android.graphics.Color)	4293933808 (0xFFFF03AF0)
YUV	133.1660, 52.6692, 93.6934
Hunter-Lab	52.7661, 87.5472, -58.5836

# Details

The Decimal color **15743728** 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 **3862586**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16743679**, and **11796663** is the 20% darker color. If you saturate the color by 10%, you get **15737584**, and if you desaturate by 10%, it is **15749872**.

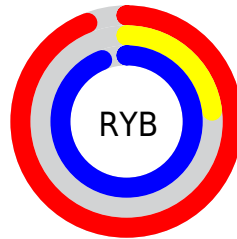
# Distribution



Red (94%)

Green (23%)

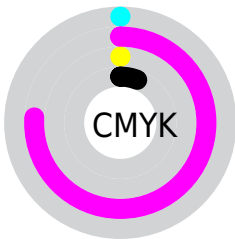
Blue (94%)



Red (94%)

Yellow (23%)

Blue (94%)

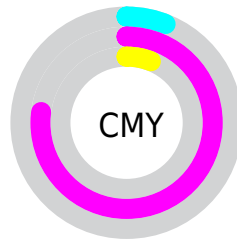


Cyan (0%)

Magenta (76%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (77%)

















Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15743728 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 15743728 by changing the saturation by 10% instead.



 15743728	 15743728
16777215	 13762771
 16743679	 11796663
 16751615	 9830556
 16759295	 7929985
 16766975	 6029415
 16774911	 4259918
	 2228278
	 544
	 3

 15743728

 15743728

 15737584

 15749872

 15731440

 15756016

 15728880

 15762160

 15768304

 15774448

 15780592

 15786736

 15792880

 15794160

# Harmonies

## Analogous

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



6847487



15743728



16711834

# Triad

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



15743728



11832064



46306

# Complementary

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



15743728



3862586

# 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.



45959



15743728



6005248

# Square

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



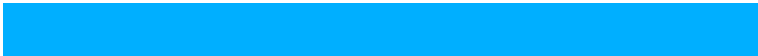
15743728



16146688



44577



45055

# Rectangle

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



15743728



16711776



44577



46277



# Sweetspot

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



15743728



16762111



3816176



8412288



0



8421504



# Same Dimension

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



15743728



16717823



15743637



7892088



12058808



3670072



# Inverse Universe

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



15743728



16717823



3862677



7892088



12058808



3670072



# Previews

## White Background



This preview shows how the Decimal color 15743728 looks on a white background.

## Color Contrast Check

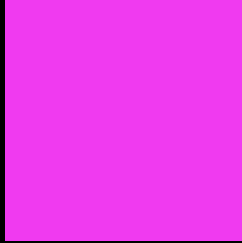
Large Text (above 18pt) WCAG AA ✓ Pass

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 15743728 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

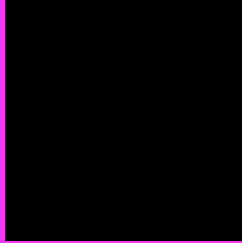
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 15743728 Background



This preview shows how black text looks on a background with the Decimal color 15743728.




This preview shows how white text looks on a background with the Decimal color 15743728.

# 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**  
14838385

# Trichromacy



**Original Color**  
15743728



**Protanomaly**  
9465850



**Deuteranomaly**  
9859560



**Tritanomaly**  
15161759

# Monochromacy



**Original Color**  
15743728



**Achromatopsia**  
8750469



**Achromatomaly**  
11299500

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15743728 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 #F03AF0 looks like.

```
.text, #text, p{  
    color:#F03AF0  
}
```

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 #F03AF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F03AF0
}
```

## Border

The CSS property to change the border of an element to Decimal 15743728 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
#F03AF0 }
```

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

```
.border{ border-color:#F03AF0 }
```

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

Here you see how a box with a 4 pixel #F03AF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F03AF0; -webkit-box-shadow:4px 4px  
4px 4px #F03AF0; box-shadow:4px 4px 4px  
4px #F03AF0 }
```

# Background

The CSS property to change the background color of an element to Decimal 15743728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F03AF0 }
```

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

```
.background{ background-color:#F03AF0 }
```

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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