

# Converting Colors

Decimal(15351031)

Have a look what the booklet for  
Decimal(15351031) contains.

<b>Decimal(15351031)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(15351031)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA3CF7
RGB	234, 60, 247
RGB Percent	92%, 24%, 97%
CMY	0.0824, 0.7647, 0.0314
CMYK	0.05, 0.76, 0.00, 0.03
HSL	296°, 92%, 60%
HSV	296°, 76%, 97%
XYZ	52.3360, 27.4395, 90.5336
YIQ	133.3440, 43.6770, 95.0450

# Conversions

## Conversions Part 2

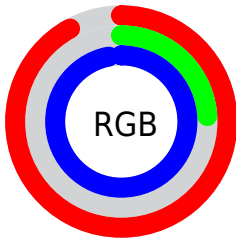
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 60, 247
Decimal	15351031
CIE <sub>Lab</sub>	59.38, 84.91, -58.10
CIE <sub>LCh</sub>	59, 102.886, 325.616
Yxy	27.4395, 0.3073, 0.1611
Android (android.graphics.Color)	4293541111 (0xFFEA3CF7)
YUV	133.3440, 56.0324, 88.2753
Hunter-Lab	52.3828, 86.6709, -65.8035

# Details

The Decimal color **15351031** 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 **4847420**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16743935**, and **11403454** is the 20% darker color. If you saturate the color by 10%, you get **15213559**, and if you desaturate by 10%, it is **15488503**.

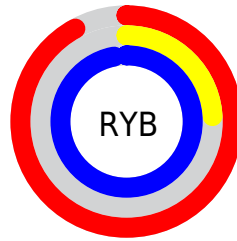
# Distribution



Red (92%)

Green (24%)

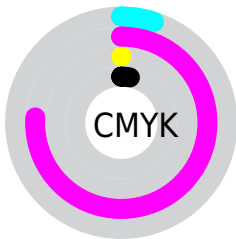
Blue (97%)



Red (92%)

Yellow (24%)

Blue (97%)

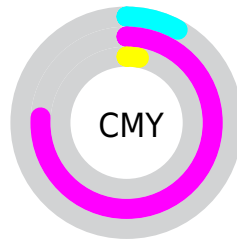


Cyan (5%)

Magenta (76%)

Yellow (0%)

Black (3%)



Cyan (8%)

Magenta (76%)


















Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15351031 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 15351031 by changing the saturation by 10% instead.



 15351031	 15351031
 16777215	 13370074
 16743935	 11403454
 16751615	 9437346
 16759295	 7536775
 16767231	 5636205
 16774911	 3866708
	 1703996
	 549
	 269

 15351031

 15351031

 15213559

 15488503

 15141879

 15560183

 15073527

 15697655

 15835127

 15972343

 16044279

 16181751

 16318455

 16383991

# Harmonies

## Analogous

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



4947455



15351031



16711840

# Triad

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



15351031



12158720



46044

# Complementary

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



15351031



4847420

# 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.



45695



15351031



6397952

# Square

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



15351031



16407040



44043



45055

# Rectangle

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



15351031



16711781



44043



46014



# Sweetspot

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



15351031



16499967



3951863



8215680



0



8421504



# Same Dimension

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



15351031



15669247



16202921



8023674



11337914



3604539



# Inverse Universe

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



16202825



16717607



3995530



8023663



12189709



3866628



# Previews

## White Background



This preview shows how the Decimal color 15351031 looks on a white background.

## Color Contrast Check

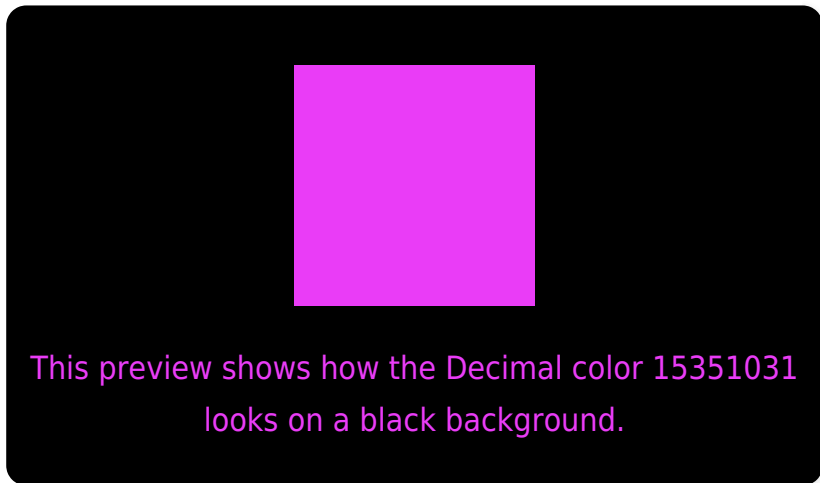
Large Text (above 18pt) WCAG AA ✓ Pass

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

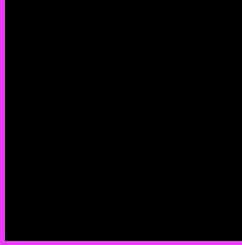
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 15351031 Background



This preview shows how black text looks on a background with the Decimal color 15351031.




This preview shows how white text looks on a background with the Decimal color 15351031.

# 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](#).

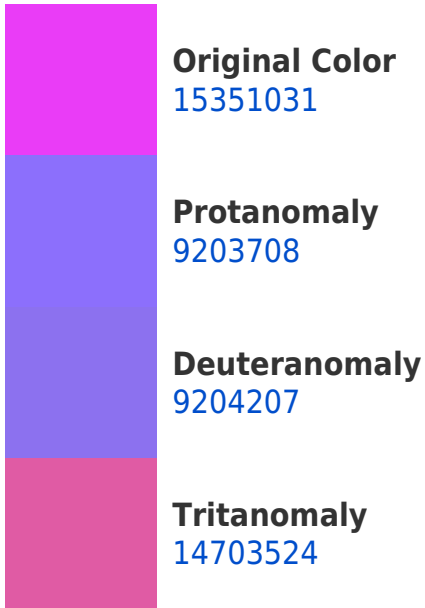
## Dichromacy





**Tritanopia**  
14314869

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15351031 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 #EA3CF7 looks like.

```
.text, #text, p{  
    color:#EA3CF7  
}
```

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 #EA3CF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA3CF7
}
```

## Border

The CSS property to change the border of an element to Decimal 15351031 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
#EA3CF7 }
```

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

```
.border{ border-color:#EA3CF7 }
```

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

Here you see how a box with a 4 pixel #EA3CF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA3CF7; -webkit-box-shadow:4px 4px  
4px 4px #EA3CF7; box-shadow:4px 4px 4px  
4px #EA3CF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 15351031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA3CF7 }
```

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

```
.background{ background-color:#EA3CF7 }
```

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