

Converting Colors

Decimal(15151597)

Have a look what the booklet for
Decimal(15151597) contains.

Decimal(15151597)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15151597)

Conversions

Conversions Part 1

Format	Color
Hex	E731ED
RGB	231, 49, 237
RGB Percent	91%, 19%, 93%
CMY	0.0941, 0.8078, 0.0706
CMYK	0.03, 0.79, 0.00, 0.07
HSL	298°, 84%, 56%
HSV	298°, 79%, 93%
XYZ	49.3394, 25.3000, 82.4037
YIQ	124.8500, 48.1240, 97.0520

Conversions

Conversions Part 2

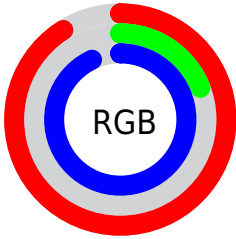
Format	Color
R _Y B	231, 49, 237
Decimal	15151597
CIE Lab	57.37, 85.61, -55.77
CIE LCh	57, 102.168, 326.919
Yxy	25.3000, 0.3142, 0.1611
Android (android.graphics.Color)	4293341677 (0xFFE731ED)
YUV	124.8500, 55.2900, 93.0936
Hunter-Lab	50.2991, 87.0708, -61.9239

Details

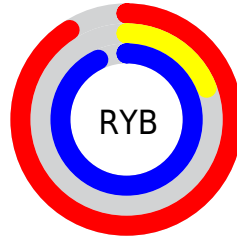
The Decimal color **15151597** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **3665201**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16741887**, and **11206836** is the 20% darker color. If you saturate the color by 10%, you get **15079917**, and if you desaturate by 10%, it is **15223277**.

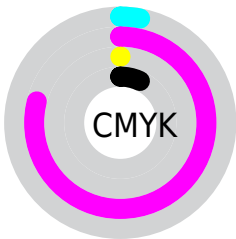
Distribution



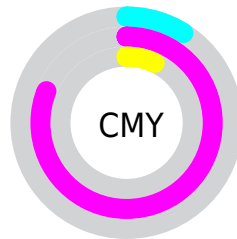
- Red (91%)
- Green (19%)
- Blue (93%)



- Red (91%)
- Yellow (19%)
- Blue (93%)



- Cyan (3%)
- Magenta (79%)
- Yellow (0%)
- Black (7%)




















- Cyan (9%)
- Magenta (81%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15151597 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 15151597 by changing the saturation by 10% instead.

 15151597	 15151597
 16777215	 13172944
 16741887	 11206836
 16749823	 9240729
 16757503	 7340158
 16765183	 5439588
 16773119	 3670092
	 1507380
	 541
	 0

■ 15151597

■ 15151597

■ 15079917

■ 15223277

■ 15008493

■ 15294701

■ 15007981

■ 15300845

■ 15372525

■ 15443949

■ 15515629

■ 15521773

■ 15593453

■ 15663085

Harmonies

Analogous

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



5469951



15151597



16711831

Triad

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



15151597



11568128



44505

Complementary

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



15151597



3665201

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.



44158



15151597



5675776

Square

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



15151597



15750912



42766



43519

Rectangle

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



15151597



16711773



42766



44476

Sweetspot

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



15151597



16630527



3225581



8280960



0



8421504

Same Dimension

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



15151597



16190975



15544725



7694965



11468981



3407926

Inverse Universe

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



15544631



16715028



3272073



7694954



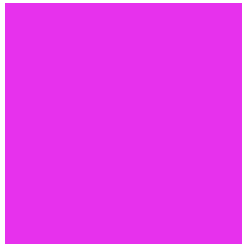
11862022



3538946

Previews

White Background



This preview shows how the Decimal color 15151597 looks on a white background.

Color Contrast Check

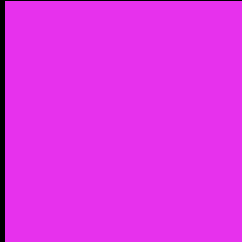
Large Text (above 18pt) WCAG AA ✓ Pass

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 15151597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

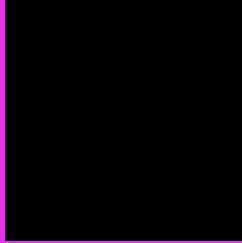
Any Text WCAG AA ✓ Pass

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 15151597 Background



This preview shows how black text looks on a background with the Decimal color 15151597.




This preview shows how white text looks on a background with the Decimal color 15151597.

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
14181740

Trichromacy



Original Color
15151597



Protanomaly
8611832



Deuteranomaly
9071333



Tritanomaly
14504603

Monochromacy



Original Color
15151597



Achromatopsia
8224125



Achromatomaly
10772902

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15151597 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 #E731ED looks like.

```
.text, #text, p{  
    color:#E731ED  
}
```

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 #E731ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E731ED
}
```

Border

The CSS property to change the border of an element to Decimal 15151597 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
#E731ED }
```

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

```
.border{ border-color:#E731ED }
```

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

Here you see how a box with a 4 pixel #E731ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E731ED; -webkit-box-shadow:4px 4px  
4px 4px #E731ED; box-shadow:4px 4px 4px  
4px #E731ED }
```

Background

The CSS property to change the background color of an element to Decimal 15151597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E731ED }
```

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

```
.background{ background-color:#E731ED }
```

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