

# Converting Colors

Decimal(15105013)

Have a look what the booklet for  
Decimal(15105013) contains.

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# **Color**

**Decimal(15105013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E67BF5
RGB	230, 123, 245
RGB Percent	90%, 48%, 96%
CMY	0.0980, 0.5176, 0.0392
CMYK	0.06, 0.50, 0.00, 0.04
HSL	293°, 86%, 72%
HSV	293°, 50%, 96%
XYZ	56.1975, 37.5815, 90.6782
YIQ	168.9010, 24.6100, 60.6260

# Conversions

## Conversions Part 2

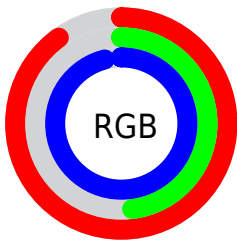
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 123, 245
Decimal	15105013
CIE <sub>Lab</sub>	67.71, 58.84, -43.84
CIE <sub>LCh</sub>	68, 73.371, 323.310
Y <sub>xy</sub>	37.5815, 0.3047, 0.2037
Android (android.graphics.Color)	4293295093 (0xFFE67BF5)
Y <sub>UV</sub>	168.9010, 37.5168, 53.5838
Hunter-Lab	61.3037, 56.3505, -44.7870

# Details

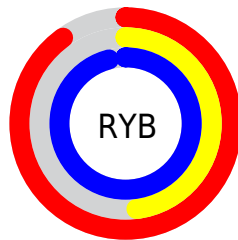
The Decimal color **15105013** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **9106811**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **16757759**, and **11289788** is the 20% darker color. If you saturate the color by 10%, you get **14902005**, and if you desaturate by 10%, it is **15307765**.

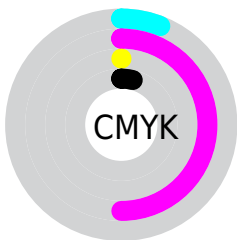
# Distribution



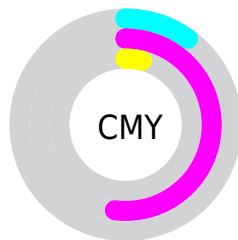
- Red (90%)
- Green (48%)
- Blue (96%)



- Red (90%)
- Yellow (48%)
- Blue (96%)



- Cyan (6%)
- Magenta (50%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (52%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 15105013 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 15105013 by changing the saturation by 10% instead.



 15105013

 15105013

16777215

 13197528

 16757759

 11289788

 16764927

 9447329

 16772351

 7602310

 5832812

 4063315

 2490428

 37

 269

 15105013

 15105013

 14902005

 15307765

 14699253

 15510773

 14496245

 15713525

 14293493

 15916533

 14090485

 16119541

 16318453

 16515061

 16711669

 16777205

# Harmonies

## Analogous

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



8821503



15105013



16737207

# Triad

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



15105013



13737216



50136

# Complementary

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



15105013



9106811

# 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.



50067



15105013



9679118

# Square

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



15105013



16744761



3325264



48895

# Rectangle

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



15105013



16736906



3325264



50370



# Sweetspot

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



15105013



16439807



8096757



8219008



0



8421504



# Same Dimension

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



15105013



15492863



16088008



7958138



10682554



3342395



# Inverse Universe

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



16087946



16737913



8123816



8023664



12189719



3866631



# Previews

## White Background



This preview shows how the Decimal color 15105013 looks on a white background.

## Color Contrast Check

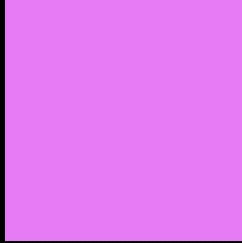
Large Text (above 18pt) WCAG AA × Fail

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 15105013 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

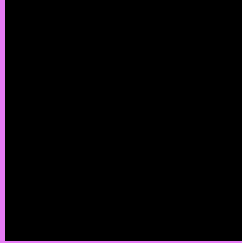
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15105013 Background



This preview shows how black text looks on a background with the Decimal color 15105013.




This preview shows how white text looks on a background with the Decimal color 15105013.

# 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**  
14324124

# Trichromacy



**Original Color**  
15105013



**Protanomaly**  
10982651



**Deuteranomaly**  
11245041



**Tritanomaly**  
14584252

# Monochromacy



**Original Color**  
15105013



**Achromatopsia**  
11119017



**Achromatomaly**  
12556485

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15105013 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 #E67BF5 looks like.

```
.text, #text, p{  
    color:#E67BF5  
}
```

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 #E67BF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67BF5
}
```

## Border

The CSS property to change the border of an element to Decimal 15105013 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
#E67BF5 }
```

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

```
.border{ border-color:#E67BF5 }
```

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

Here you see how a box with a 4 pixel #E67BF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67BF5; -webkit-box-shadow:4px 4px  
4px 4px #E67BF5; box-shadow:4px 4px 4px  
4px #E67BF5 }
```

# Background

The CSS property to change the background color of an element to Decimal 15105013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67BF5 }
```

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

```
.background{ background-color:#E67BF5 }
```

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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