

# Converting Colors

Decimal(14876912)

Have a look what the booklet for  
Decimal(14876912) contains.

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**Color**

**Decimal(14876912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E300F0
RGB	227, 0, 240
RGB Percent	89%, 0%, 94%
CMY	0.1098, 1.0000, 0.0588
CMYK	0.05, 1.00, 0.00, 0.06
HSL	297°, 100%, 47%
HSV	297°, 100%, 94%
XYZ	47.4067, 22.6222, 84.3060
YIQ	95.2330, 58.2520, 122.7640

# Conversions

## Conversions Part 2

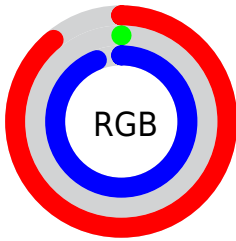
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 0, 240
Decimal	14876912
CIE <sub>Lab</sub>	54.68, 91.87, -61.79
CIE <sub>LCh</sub>	55, 110.712, 326.075
Yxy	22.6222, 0.3072, 0.1466
Android (android.graphics.Color)	4293066992 (0xFFE300F0)
YUV	95.2330, 71.3701, 115.5597
Hunter-Lab	47.5628, 94.6796, -71.7988

# Details

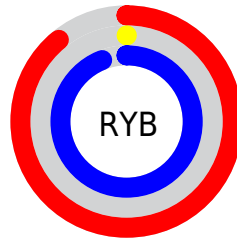
The Decimal color **14876912** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **913408**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **16737279**, and **10879159** is the 20% darker color. If you saturate the color by 10%, you get **14876912**, and if you desaturate by 10%, it is **14948592**.

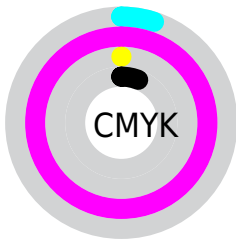
# Distribution



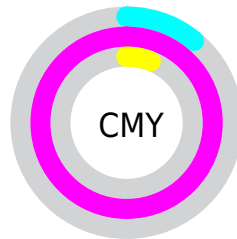
- Red (89%)
- Green (0%)
- Blue (94%)



- Red (89%)
- Yellow (0%)
- Blue (94%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



















- Cyan (11%)
- Magenta (100%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14876912 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 14876912 by changing the saturation by 10% instead.




 14876912	 14876912
16777215	 12845267
 16737279	 10879159
 16745727	 8913051
 16753407	 7012481
 16761343	 5111911
 16769279	 3145806
	 720950
	 543
	 2

 14876912

 14948592

 15085808

 15157488

 15229168

 15300848

 15438064

 15509744

 15581424

 15718640

# Harmonies

## Analogous

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



815359



14876912



16711828

# Triad

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



14876912



11172864



42966

# Complementary

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



14876912



913408

# 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.



42611



14876912



4756736

# Square

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



14876912



15681024



41216



42495

# Rectangle

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



14876912



16711766



41216



42934



# Sweetspot

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



14876912



16495615



4336



8213120



0



8421504



# Same Dimension

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



14876912



15794431



15728776



7826552



11403448



3473464



# Inverse Universe

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



15728653



16711694



61544



7892077



12058634



3670019



# Previews

## White Background



This preview shows how the Decimal color 14876912 looks on a white background.

## Color Contrast Check

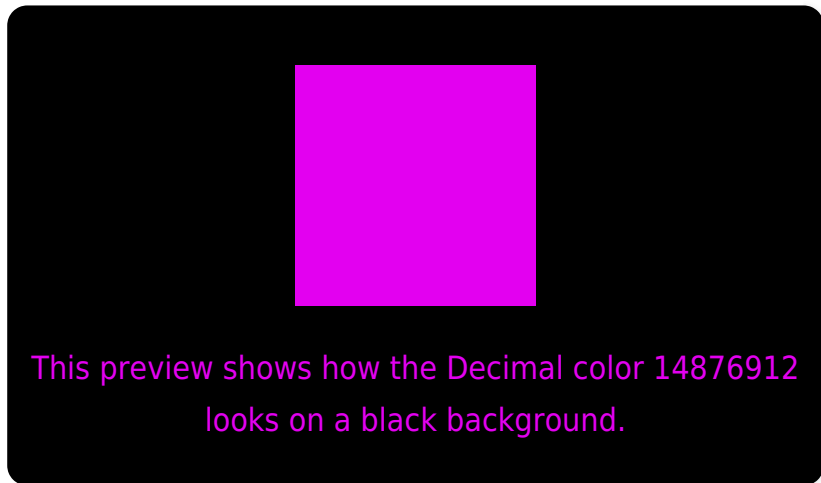
Large Text (above 18pt) WCAG AA ✓ Pass

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

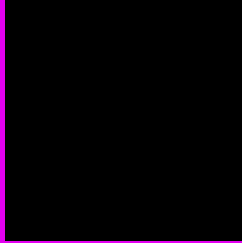
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 14876912 Background



This preview shows how black text looks on a background with the Decimal color 14876912.



This preview shows how white text looks on a background with the Decimal color 14876912.

# 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**  
14876912

**Protanopia**  
3637503

**Deuteranopia**  
4097506



**Tritanopia**  
13852261

# Trichromacy



**Original Color**

14876912



**Protanomaly**

7754234



**Deuteranomaly**

8017383



**Tritanomaly**

14236824

# Monochromacy



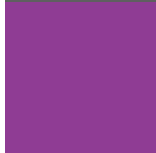
**Original Color**

14876912



**Achromatopsia**

6250335



**Achromatomaly**

9387156

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14876912 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 #E300F0 looks like.

```
.text, #text, p{  
    color:#E300F0  
}
```

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 #E300F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E300F0
}
```

## Border

The CSS property to change the border of an element to Decimal 14876912 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
#E300F0 }
```

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

```
.border{ border-color:#E300F0 }
```

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

Here you see how a box with a 4 pixel #E300F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E300F0; -webkit-box-shadow:4px 4px  
4px 4px #E300F0; box-shadow:4px 4px 4px  
4px #E300F0 }
```

# Background

The CSS property to change the background color of an element to Decimal 14876912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E300F0 }
```

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

```
.background{ background-color:#E300F0 }
```

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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