

# Converting Colors

Decimal(14828788)

Have a look what the booklet for  
Decimal(14828788) contains.

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**Color**

**Decimal(14828788)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E244F4
RGB	226, 68, 244
RGB Percent	89%, 27%, 96%
CMY	0.1137, 0.7333, 0.0431
CMYK	0.07, 0.72, 0.00, 0.04
HSL	294°, 89%, 61%
HSV	294°, 72%, 96%
XYZ	49.7603, 26.8346, 88.1449
YIQ	135.3060, 37.6720, 88.2320

# Conversions

## Conversions Part 2

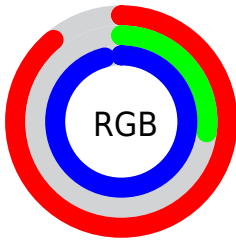
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 68, 244
Decimal	14828788
CIE <sub>Lab</sub>	58.82, 80.48, -57.40
CIE <sub>LCh</sub>	59, 98.848, 324.503
Y <sub>xy</sub>	26.8346, 0.3021, 0.1629
Android (android.graphics.Color)	4293018868 (0xFFE244F4)
Y <sub>UV</sub>	135.3060, 53.5861, 79.5386
Hunter-Lab	51.8022, 80.8103, -64.6244

# Details

The Decimal color **14828788** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **5698628**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **16745215**, and **10879163** is the 20% darker color. If you saturate the color by 10%, you get **14691572**, and if you desaturate by 10%, it is **14966004**.

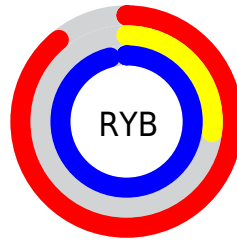
# Distribution



Red (89%)

Green (27%)

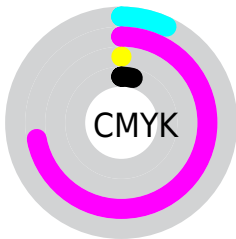
Blue (96%)



Red (89%)

Yellow (27%)

Blue (96%)

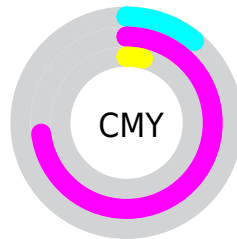


Cyan (7%)

Magenta (72%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (73%)

















Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14828788 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 14828788 by changing the saturation by 10% instead.



 14828788	 14828788
16777215	 12852183
 16745215	 10879163
 16752895	 8978591
 16760319	 7078021
 16767999	 5177450
 16775679	 3473490
	 1245241
	 546
	 9


 14828788

 14828788

 14691572

 14966004

 14488564

 15169012

 14352628


 15306228

 15509236

 15646452

 15849204

 15986676

 16187380

 16318452

# Harmonies

## Analogous

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



4554495



14828788



16711841

# Triad

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



14828788



12158208



45524

# Complementary

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



14828788



5698628

# 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.



44922



14828788



6724864

# Square

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



14828788



16210176



43533



44543

# Rectangle

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



14828788



16711784



43533



45495



# Sweetspot

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



14828788



16369663



4479476



8150656



0



8421504



# Same Dimension

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



14828788



15213055



16008369



7958138



10944698



3473467



# Inverse Universe

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



16008278



16720184



4519047



8023663



12189715



3866630



# Previews

## White Background



This preview shows how the Decimal color 14828788 looks on a white background.

## Color Contrast Check

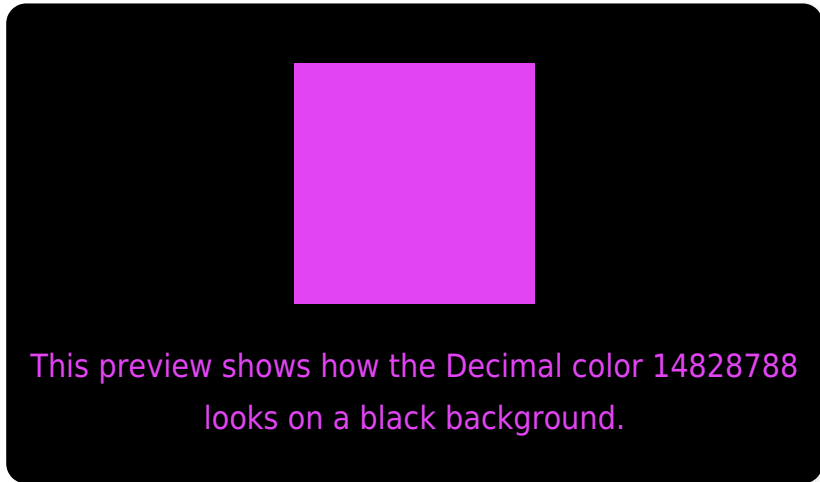
Large Text (above 18pt) WCAG AA ✓ Pass

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

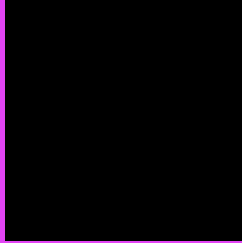
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 14828788 Background



This preview shows how black text looks on a background with the Decimal color 14828788.




This preview shows how white text looks on a background with the Decimal color 14828788.

# 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**  
13856631

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14828788 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 #E244F4 looks like.

```
.text, #text, p{  
    color:#E244F4  
}
```

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 #E244F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E244F4
}
```

## Border

The CSS property to change the border of an element to Decimal 14828788 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
#E244F4 }
```

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

```
.border{ border-color:#E244F4 }
```

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

Here you see how a box with a 4 pixel #E244F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E244F4; -webkit-box-shadow:4px 4px  
4px 4px #E244F4; box-shadow:4px 4px 4px  
4px #E244F4 }
```

# Background

The CSS property to change the background color of an element to Decimal 14828788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E244F4 }
```

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

```
.background{ background-color:#E244F4 }
```

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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