

# Converting Colors

Decimal(14718435)

Have a look what the booklet for  
Decimal(14718435) contains.

<b>Decimal(14718435)</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(14718435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E095E3
RGB	224, 149, 227
RGB Percent	88%, 58%, 89%
CMY	0.1216, 0.4157, 0.1098
CMYK	0.01, 0.34, 0.00, 0.11
HSL	298°, 58%, 74%
HSV	298°, 34%, 89%
XYZ	55.3530, 42.8882, 78.0339
YIQ	180.3170, 19.6620, 40.1580

# Conversions

## Conversions Part 2

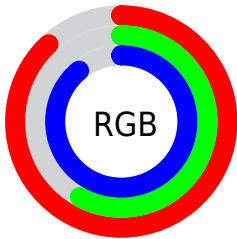
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 149, 227
Decimal	14718435
CIE <sub>Lab</sub>	71.48, 40.48, -28.15
CIE <sub>LCh</sub>	71, 49.309, 325.182
Yxy	42.8882, 0.3140, 0.2433
Android (android.graphics.Color)	4292908515 (0xFFE095E3)
YUV	180.3170, 23.0147, 38.3100
Hunter-Lab	65.4891, 36.2667, -24.8049

# Details

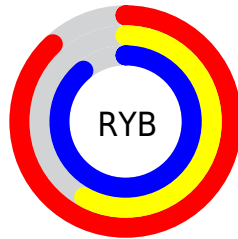
The Decimal color **14718435** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **10019733**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16764159**, and **11035051** is the 20% darker color. If you saturate the color by 10%, you get **14647011**, and if you desaturate by 10%, it is **14789859**.

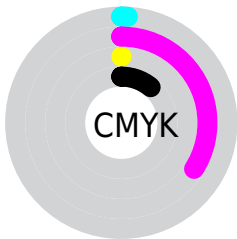
# Distribution



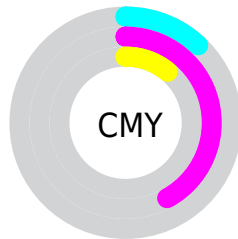
- Red (88%)
- Green (58%)
- Blue (89%)



- Red (88%)
- Yellow (58%)
- Blue (89%)



- Cyan (1%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)
















- Cyan (12%)
- Magenta (42%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14718435 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 14718435 by changing the saturation by 10% instead.



 14718435	 14718435
16777215	 12810951
 16764159	 11035051
 16771583	 9193361
	 7482999
	 5772382
	 4128838
	 2687023
	 25
	 0

 14718435

 14718435

 14647011

 14789859

 14575843

 14861027

 14504419

 14932451

 14498531

 14938339

 14427363

 15007715

 14355939

 15073251

 14287075

 15138787

 15204323

 15269859

# Harmonies

## Analogous

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



10987263



14718435



16747192

# Triad

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



14718435



13740627



50900

# Complementary

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



14718435



10019733

# 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.



50854



14718435



10795099

# Square

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



14718435



15899238



7258490



49656

# Rectangle

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



14718435



16747162



7258490



50885



# Sweetspot

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



14718435



16705279



9804259



8351872



0



8421504



# Same Dimension

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



14718435



16488191



14915008



7497587



11272371



3211315



# Inverse Universe

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



14914968



16750234



9823160



7563112



11730951

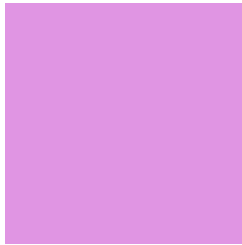


3342338



# Previews

## White Background



This preview shows how the Decimal color 14718435 looks on a white background.

## Color Contrast Check

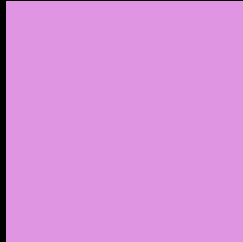
Large Text (above 18pt) WCAG AA × Fail

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 14718435 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 14718435 Background



This preview shows how black text looks on a background with the Decimal color 14718435.



This preview shows how white text looks on a background with the Decimal color 14718435.

# 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**  
14262444

# Trichromacy



**Original Color**  
14718435



**Protanomaly**  
11773166



**Deuteranomaly**  
12362976



**Tritanomaly**  
14458048

# Monochromacy



**Original Color**  
14718435



**Achromatopsia**  
11842740



**Achromatomaly**  
12888517

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14718435 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 #E095E3 looks like.

```
.text, #text, p{  
    color:#E095E3  
}
```

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 #E095E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E095E3
}
```

## Border

The CSS property to change the border of an element to Decimal 14718435 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
#E095E3 }
```

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

```
.border{ border-color:#E095E3 }
```

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

Here you see how a box with a 4 pixel #E095E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E095E3; -webkit-box-shadow:4px 4px  
4px 4px #E095E3; box-shadow:4px 4px 4px  
4px #E095E3 }
```

# Background

The CSS property to change the background color of an element to Decimal 14718435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E095E3 }
```

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

```
.background{ background-color:#E095E3 }
```

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