

Converting Colors

Decimal(14759679)

Have a look what the booklet for
Decimal(14759679) contains.

Decimal(14759679)	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(14759679)

Conversions

Conversions Part 1

Format	Color
Hex	E136FF
RGB	225, 54, 255
RGB Percent	88%, 21%, 100%
CMY	0.1176, 0.7882, 0.0000
CMYK	0.12, 0.79, 0.00, 0.00
HSL	291°, 100%, 61%
HSV	291°, 79%, 100%
XYZ	50.4205, 25.8659, 96.9429
YIQ	128.0430, 37.3950, 98.7630

Conversions

Conversions Part 2

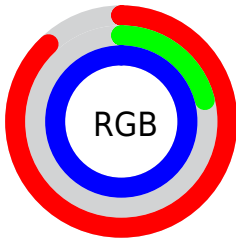
Format	Color
R _Y B	225, 54, 255
Decimal	14759679
CIE _{Lab}	57.91, 86.18, -64.97
CIE _{LCh}	58, 107.929, 322.986
Y _{xy}	25.8659, 0.2911, 0.1493
Android (android.graphics.Color)	4292949759 (0xFFE136FF)
Y _{UV}	128.0430, 62.5898, 85.0313
Hunter-Lab	50.8585, 87.9603, -77.4134

Details

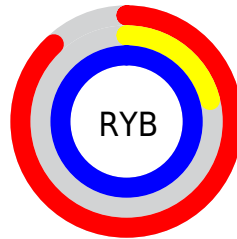
The Decimal color **14759679** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **5570358**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **16742655**, and **10813637** is the 20% darker color. If you saturate the color by 10%, you get **14490879**, and if you desaturate by 10%, it is **15028479**.

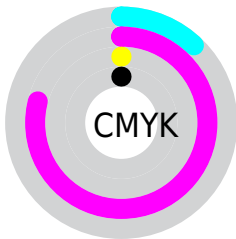
Distribution



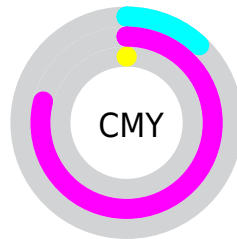
- Red (88%)
- Green (21%)
- Blue (100%)



- Red (88%)
- Yellow (21%)
- Blue (100%)



- Cyan (12%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)



















- Cyan (12%)
- Magenta (79%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14759679 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 14759679 by changing the saturation by 10% instead.

 14759679	 14759679
16777215	 12779746
 16742655	 10813637
 16750591	 8847529
 16758271	 6946958
 16765951	 4980852
 16773631	 3145818
	 393281
	 810
	 276

■ 14759679

■ 14759679

■ 14490879

■ 15028479

■ 14222335

■ 15297023

■ 14221567

■ 15500287

■ 15768831

■ 16037375

■ 16306175

■ 16574975

16777215

Harmonies

Analogous

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



32255



14759679



16711846

Triad

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



14759679



12353536



45267

Complementary

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



14759679



5570358

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.



44657



14759679



6462208

Square

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



14759679



16665344



43008



44543

Rectangle

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



14759679



16711784



43008



45235

Sweetspot

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



14759679



16171775



3560703



8018816



0



8421504

Same Dimension

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



14759679



14355967



16725689



8287104



10682559



3539008

Inverse Universe

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



16725588



16715057



3604348



8418165



12517405



4194314

Previews

White Background



This preview shows how the Decimal color 14759679 looks on a white background.

Color Contrast Check

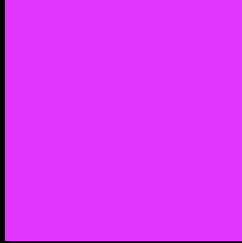
Large Text (above 18pt) WCAG AA ✓ Pass

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 14759679 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 14759679 Background



This preview shows how black text looks on a background with the Decimal color 14759679.




This preview shows how white text looks on a background with the Decimal color 14759679.

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](#).

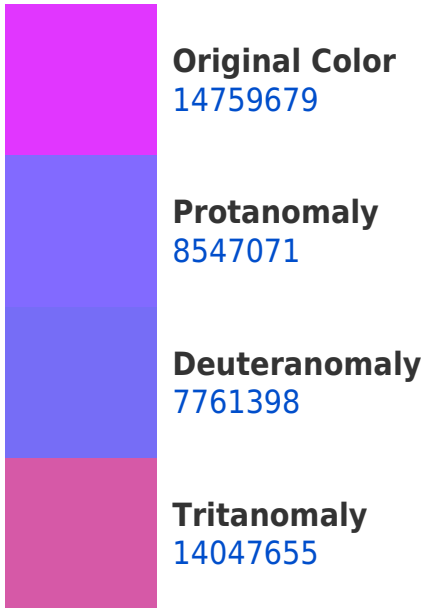
Dichromacy



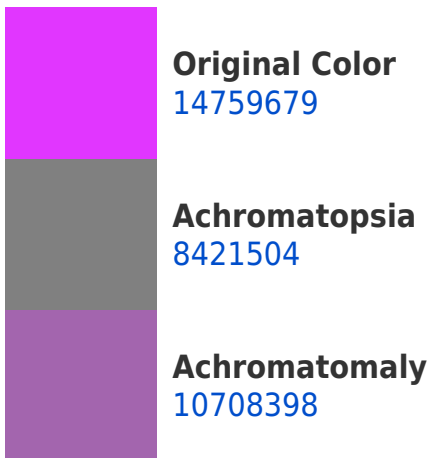


Tritanopia
13593973

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 14759679 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 #E136FF looks like.

```
.text, #text, p{  
    color:#E136FF  
}
```

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 #E136FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E136FF
}
```

Border

The CSS property to change the border of an element to Decimal 14759679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

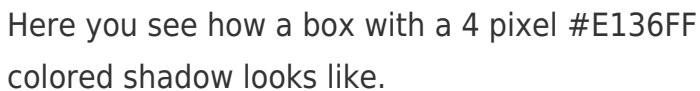
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E136FF }
```

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

```
.border{ border-color:#E136FF }
```

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



Here you see how a box with a 4 pixel #E136FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E136FF; -webkit-box-shadow:4px 4px  
4px 4px #E136FF; box-shadow:4px 4px 4px  
4px #E136FF }
```

Background

The CSS property to change the background color of an element to Decimal 14759679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E136FF }
```

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

```
.background{ background-color:#E136FF }
```

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