

# Converting Colors

Decimal(14876472)

Have a look what the booklet for  
Decimal(14876472) contains.

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# **Color**

**Decimal(14876472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2FF38
RGB	226, 255, 56
RGB Percent	89%, 100%, 22%
CMY	0.1137, 0.0000, 0.7804
CMYK	0.11, 0.00, 0.78, 0.00
HSL	69°, 100%, 61%
HSV	69°, 78%, 100%
XYZ	67.8378, 87.9743, 17.1467
YIQ	223.6430, 46.5950, -68.0370

# Conversions

## Conversions Part 2

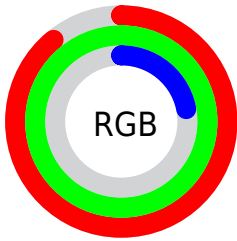
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 255, 85
Decimal	14876472
CIE <sub>Lab</sub>	95.15, -32.26, 83.63
CIE <sub>LCh</sub>	95, 89.641, 111.093
Yxy	87.9743, 0.3922, 0.5086
Android (android.graphics.Color)	4293066552 (0xFFE2FF38)
YUV	223.6430, -82.6480, 2.0671
Hunter-Lab	93.7946, -35.0387, 54.8174

# Details

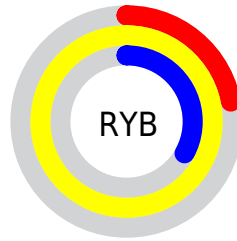
The Decimal color **14876472** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **5585151**, and the grayscale version is **14737632**.

A 20% lighter version of the original color is **16777079**, and **10929664** is the 20% darker color. If you saturate the color by 10%, you get **14614302**, and if you desaturate by 10%, it is **15138642**.

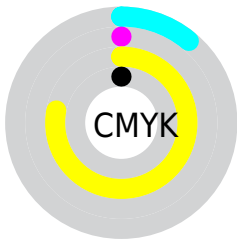
# Distribution



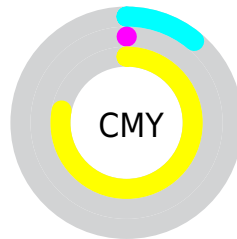
- Red (89%)
- Green (100%)
- Blue (22%)



- Red (22%)
- Yellow (100%)
- Blue (33%)



- Cyan (11%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



















- Cyan (11%)
- Magenta (0%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14876472 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 14876472 by changing the saturation by 10% instead.



 14876472	 14876472
16777215	 12902913
 16777079	 10929664
 16777109	 9022208
 16777138	 7114752
 16777168	 5273344
 16777198	 3366400
	 1263104
	 12032
	 6912

■ 14876472

■ 14876472

■ 14614302

■ 15138642

■ 14417669

■ 15335275

■ 14352128

■ 15597444

■ 15859614

■ 16121783

■ 16318417

■ 16580587

16777215

# Harmonies

## Analogous

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



16770095



14876472



7536509

# Triad

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



14876472



65535



16752895

# Complementary

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



14876472



5585151

# 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.



16760831



14876472



65535

# Square

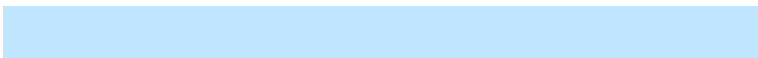
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14876472



65535



12641791



16753336

# Rectangle

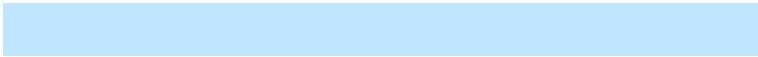
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14876472



65461



12641791



16754943

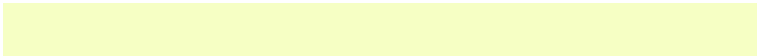


# Sweetspot

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



14876472



16187332



16732984



8028252



0



8421504



# Same Dimension

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



14876472



14483215



8519480



8290419



10731264



3555328



# Inverse Universe

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



5585151



3280895



11942143



7697280



1835199

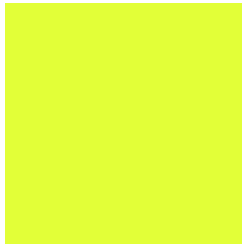


589888



# Previews

## White Background



This preview shows how the Decimal color 14876472 looks on a white background.

## Color Contrast Check

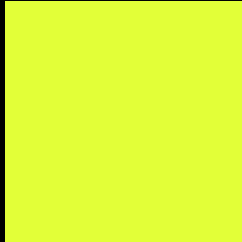
Large Text (above 18pt) WCAG AA × Fail

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 14876472 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 14876472 Background



This preview shows how black text looks on a background with the Decimal color 14876472.



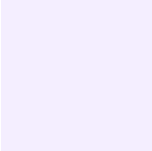
This preview shows how white text looks on a background with the Decimal color 14876472.

# 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](#).

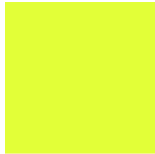
## Dichromacy

	<b>Original Color</b> 14876472
	<b>Protanopia</b> 16773559
	<b>Deuteranopia</b> 16772826

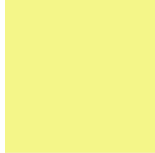


**Tritanopia**  
16051967

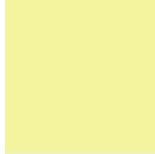
# Trichromacy



**Original Color**  
14876472



**Protanomaly**  
16053897



**Deuteranomaly**  
16053407

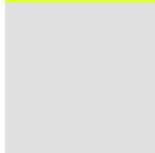


**Tritanomaly**  
15594679

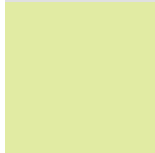
# Monochromacy



**Original Color**  
14876472



**Achromatopsia**  
14737632



**Achromatomaly**  
14805923

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14876472 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 #E2FF38 looks like.

```
.text, #text, p{  
    color:#E2FF38  
}
```

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 #E2FF38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2FF38
}
```

## Border

The CSS property to change the border of an element to Decimal 14876472 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
#E2FF38 }
```

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

```
.border{ border-color:#E2FF38 }
```

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

Here you see how a box with a 4 pixel #E2FF38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2FF38; -webkit-box-shadow:4px 4px  
4px 4px #E2FF38; box-shadow:4px 4px 4px  
4px #E2FF38 }
```

# Background

The CSS property to change the background color of an element to Decimal 14876472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2FF38 }
```

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

```
.background{ background-color:#E2FF38 }
```

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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