

# Converting Colors

Decimal(2736127)

Have a look what the booklet for  
Decimal(2736127) contains.

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# **Color**

**Decimal(2736127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29BFFF
RGB	41, 191, 255
RGB Percent	16%, 75%, 100%
CMY	0.8392, 0.2510, 0.0000
CMYK	0.84, 0.25, 0.00, 0.00
HSL	198°, 100%, 58%
HSV	198°, 84%, 100%
XYZ	37.5953, 44.9530, 101.3031
YIQ	153.4460, -109.9440, -11.8960

# Conversions

## Conversions Part 2

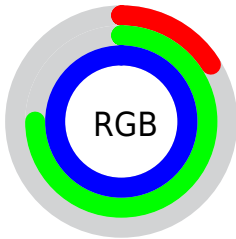
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	41, 129, 255
Decimal	2736127
CIE Lab	72.86, -15.99, -42.04
CIE LCh	73, 44.977, 249.173
Yxy	44.9530, 0.2045, 0.2445
Android (android.graphics.Color)	4280926207 (0xFF29BFFF)
YUV	153.4460, 50.0661, -98.6151
Hunter-Lab	67.0470, -17.2420, -42.6499

# Details

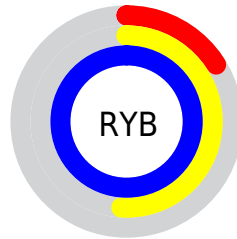
The Decimal color **2736127** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **16738601**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **8189951**, and **35526** is the 20% darker color. If you saturate the color by 10%, you get **1095679**, and if you desaturate by 10%, it is **4376575**.

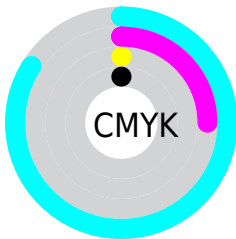
# Distribution



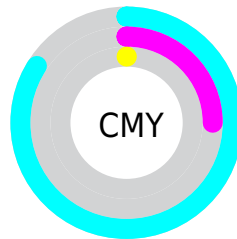
- Red (16%)
- Green (75%)
- Blue (100%)



- Red (16%)
- Yellow (51%)
- Blue (100%)



- Cyan (84%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2736127 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 2736127 by changing the saturation by 10% instead.



 2736127

 2736127

16777215

 42210

 8189951

 35526

 10354687

 28842

 12451839

 22672

 14548991

 16758

 16580607

 11101

 5701

 1070

 280

■ 2736127

■ 2736127

■ 1095679

■ 4376575

■ 46079

■ 6082303

■ 7788287

■ 9428735

■ 11134463

■ 12774911

■ 14480639

■ 16121087

16777215

# Harmonies

## Analogous

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



50918



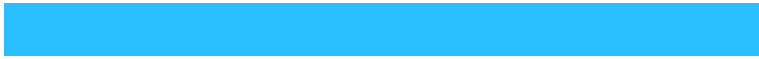
2736127



9024511

# Triad

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



2736127



16749224



9748593

# Complementary

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



2736127



16738601

# 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.



12629344



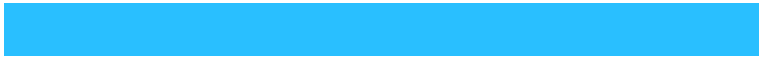
2736127



16554369

# Square

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



2736127



15767249



15050342



6145684

# Rectangle

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



2736127



11905531



15050342



10796137

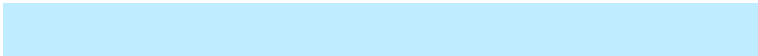


# Sweetspot

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



2736127



12578047



2752358



5862528



0



8421504

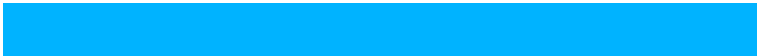


# Same Dimension

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



2736127



46079



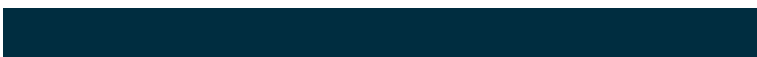
2709503



7568512



34495



11584



# Inverse Universe

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



16722367



16711859



16765225



8418172



12517510

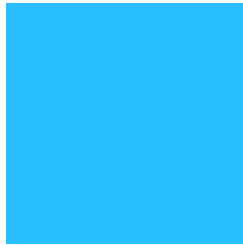


4194349



# Previews

## White Background



This preview shows how the Decimal color 2736127 looks on a white background.

## Color Contrast Check

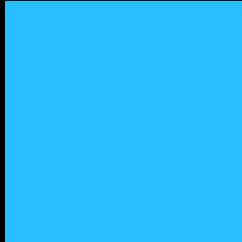
Large Text (above 18pt) WCAG AA × Fail

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 2736127 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

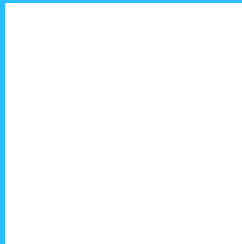
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2736127 Background



This preview shows how black text looks on a background with the Decimal color 2736127.



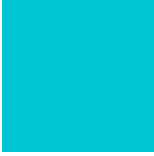
This preview shows how white text looks on a background with the Decimal color 2736127.

# 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**  
50645

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2736127 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 #29BFFF looks like.

```
.text, #text, p{  
    color:#29BFFF  
}
```

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 #29BFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29BFFF
}
```

## Border

The CSS property to change the border of an element to Decimal 2736127 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
#29BFFF }
```

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

```
.border{ border-color:#29BFFF }
```

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

Here you see how a box with a 4 pixel #29BFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29BFFF; -webkit-box-shadow:4px 4px  
4px 4px #29BFFF; box-shadow:4px 4px 4px  
4px #29BFFF }
```

# Background

The CSS property to change the background color of an element to Decimal 2736127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29BFFF }
```

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

```
.background{ background-color:#29BFFF }
```

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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