

Converting Colors

Decimal(2743551)

Have a look what the booklet for
Decimal(2743551) contains.

Decimal(2743551)	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(2743551)

Conversions

Conversions Part 1

Format	Color
Hex	29DCFF
RGB	41, 220, 255
RGB Percent	16%, 86%, 100%
CMY	0.8392, 0.1373, 0.0000
CMYK	0.84, 0.14, 0.00, 0.00
HSL	190°, 100%, 58%
HSV	190°, 84%, 100%
XYZ	44.5577, 58.8778, 103.6239
YIQ	170.4690, -117.9190, -27.0630

Conversions

Conversions Part 2

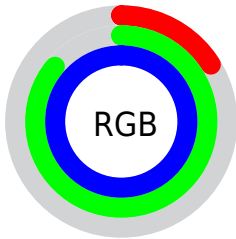
Format	Color
R _Y B	41, 138, 255
Decimal	2743551
CIE Lab	81.22, -30.65, -29.10
CIE LCh	81, 42.266, 223.509
Yxy	58.8778, 0.2152, 0.2844
Android (android.graphics.Color)	4280933631 (0xFF29DCFF)
YUV	170.4690, 41.6738, -113.5443
Hunter-Lab	76.7319, -30.6271, -26.3569

Details

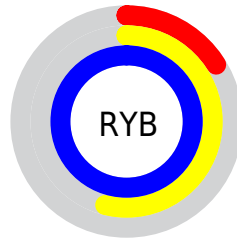
The Decimal color **2743551** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **16731177**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **8323071**, and **42438** is the 20% darker color. If you saturate the color by 10%, you get **1104127**, and if you desaturate by 10%, it is **4382975**.

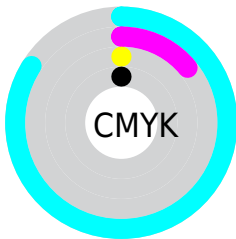
Distribution



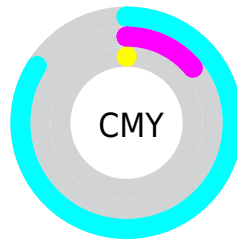
- Red (16%)
- Green (86%)
- Blue (100%)



- Red (16%)
- Yellow (54%)
- Blue (100%)



- Cyan (84%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2743551 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 2743551 by changing the saturation by 10% instead.

 2743551

 2743551

16777215

 49378

 8323071

 42438

 10551295

 35499

 12648447

 28816

 14745599

 22390

 16222

 10566

 3119

 282

■ 2743551

■ 2743551

■ 1104127

■ 4382975

■ 54783

■ 6087935

■ 7793151

■ 9432575

■ 11137535

■ 12776959

■ 14481919

■ 16121343

16777215

Harmonies

Analogous

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



4055003



2743551



7001343

Triad

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



2743551



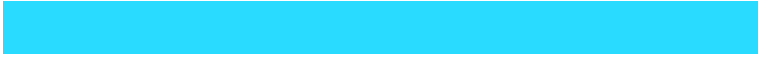
16756449



13815164

Complementary

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



2743551



16731177

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.



16236670



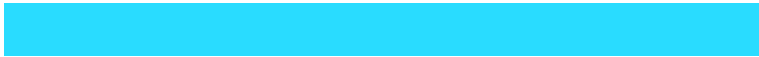
2743551



16755641

Square

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



2743551



15055359



16757653



10934159

Rectangle

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



2743551



10013951



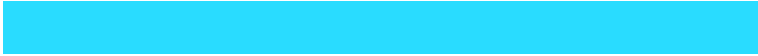
16757653



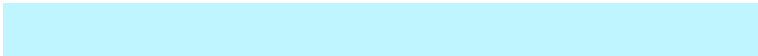
14666106

Sweetspot

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



2743551



12580351



2752329



5863808



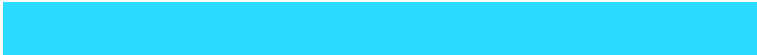
0



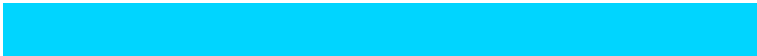
8421504

Same Dimension

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



2743551



54783



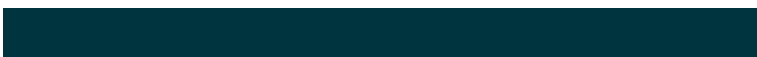
2716927



7568768



41151



13632

Inverse Universe

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



16722396



16711893



16757801



8418173



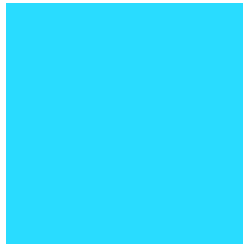
12517536



4194357

Previews

White Background



This preview shows how the Decimal color 2743551 looks on a white background.

Color Contrast Check

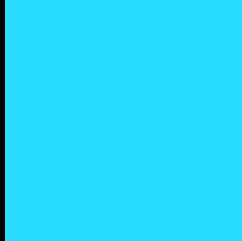
Large Text (above 18pt) WCAG AA × Fail

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 2743551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

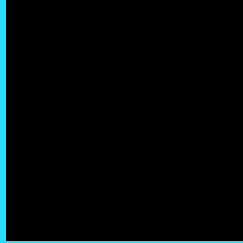
Any Text WCAG AA ✓ Pass

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 2743551 Background



This preview shows how black text looks on a background with the Decimal color 2743551.

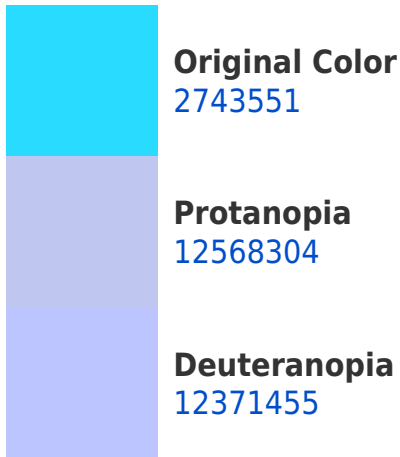


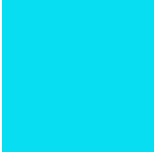
This preview shows how white text looks on a background with the Decimal color 2743551.

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
515825

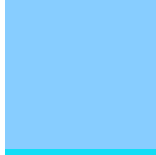
Trichromacy



Original Color
2743551



Protanomaly
8965877



Deuteranomaly
8900095

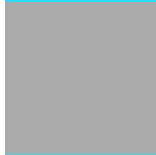


Tritanomaly
1302006

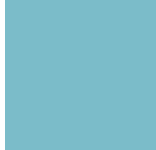
Monochromacy



Original Color
2743551



Achromatopsia
11184810



Achromatomaly
8109257

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2743551 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 #29DCFF looks like.

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

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 #29DCFF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 2743551 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  
#29DCFF }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 2743551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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