

# Converting Colors

Decimal(2723327)

Have a look what the booklet for  
Decimal(2723327) contains.

<b>Decimal(2723327)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(2723327)**

# Conversions

## Conversions Part 1

Format	Color
Hex	298DFF
RGB	41, 141, 255
RGB Percent	16%, 55%, 100%
CMY	0.8392, 0.4471, 0.0000
CMYK	0.84, 0.45, 0.00, 0.00
HSL	212°, 100%, 58%
HSV	212°, 84%, 100%
XYZ	28.4893, 26.7412, 98.2678
YIQ	124.0960, -96.1940, 14.2540

# Conversions

## Conversions Part 2

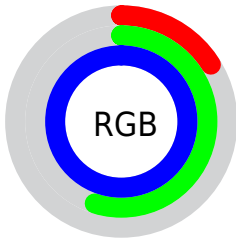
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	41, 109, 255
Decimal	2723327
CIE Lab	58.73, 12.49, -64.43
CIE LCh	59, 65.625, 280.972
Yxy	26.7412, 0.1856, 0.1742
Android (android.graphics.Color)	4280913407 (0xFF298DFF)
YUV	124.0960, 64.5357, -72.8752
Hunter-Lab	51.7119, 7.8442, -76.4701

# Details

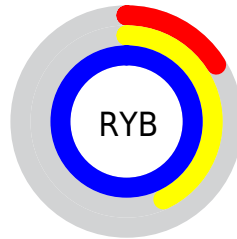
The Decimal color **2723327** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **16751401**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **8110847**, and **23749** is the 20% darker color. If you saturate the color by 10%, you get **1081343**, and if you desaturate by 10%, it is **4365311**.

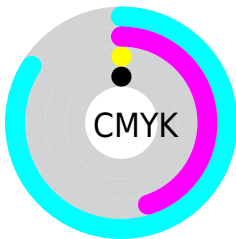
# Distribution



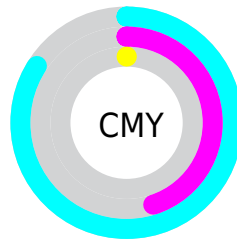
- Red (16%)
- Green (55%)
- Blue (100%)



- Red (16%)
- Yellow (43%)
- Blue (100%)



- Cyan (84%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (45%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2723327 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 2723327 by changing the saturation by 10% instead.



 2723327

 2723327

16777215

 29922

 8110847

 23749

 10280703

 17834

 12385023

 12431

 14417919

 7796

 16515071

 2139

 1858

 811

 278

■ 2723327

■ 2723327

■ 1081343

■ 4365311

■ 30719

■ 6072575

■ 7780095

■ 9421823

■ 11129343

■ 12771327

■ 14478591

■ 16120575

16777215

# Harmonies

## Analogous

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



40698



2723327



11171045

# Triad

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



2723327



15295556



42597

# Complementary

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



2723327



16751401

# 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.



5611053



2723327



13008145

# Square

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



2723327



16011899



9801984



43170

# Rectangle

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



2723327



13853382



9801984



42066

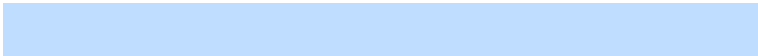


# Sweetspot

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



2723327



12574207



2752408



5860224



0

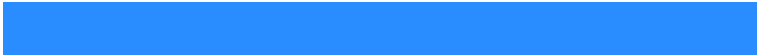


8421504



# Same Dimension

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



2723327



30719



2959871



7567744



22975



7744



# Inverse Universe

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



16722317



16711799



16514857



8418169



12517465



4194334



# Previews

## White Background



This preview shows how the Decimal color 2723327 looks on a white background.

## Color Contrast Check

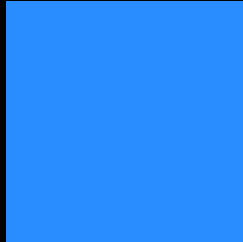
Large Text (above 18pt) WCAG AA ✓ Pass

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 2723327 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

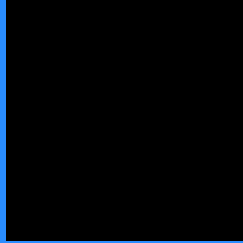
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

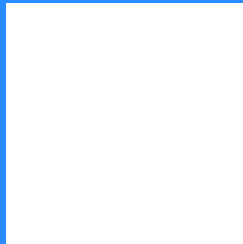
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2723327 Background



This preview shows how black text looks on a background with the Decimal color 2723327.

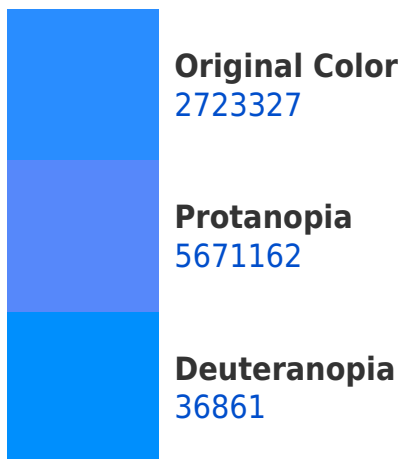


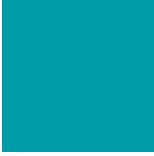
This preview shows how white text looks on a background with the Decimal color 2723327.

# 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](#).

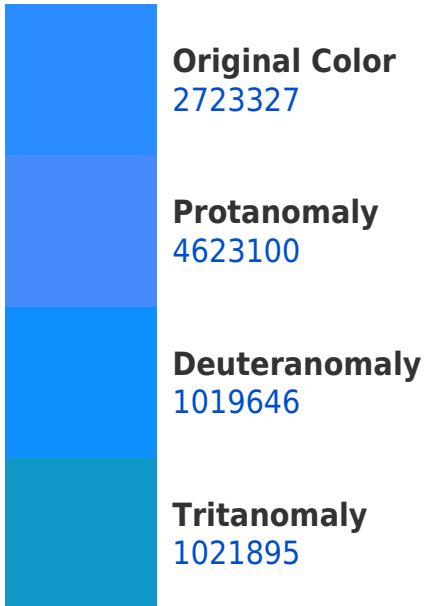
## Dichromacy





**Tritanopia**  
40103

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2723327 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 #298DFF looks like.

```
.text, #text, p{  
    color:#298DFF  
}
```

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 #298DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298DFF
}
```

## Border

The CSS property to change the border of an element to Decimal 2723327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

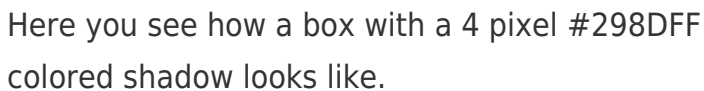
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#298DFF }
```

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

```
.border{ border-color:#298DFF }
```

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



Here you see how a box with a 4 pixel #298DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298DFF; -webkit-box-shadow:4px 4px  
4px 4px #298DFF; box-shadow:4px 4px 4px  
4px #298DFF }
```

# Background

The CSS property to change the background color of an element to Decimal 2723327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298DFF }
```

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

```
.background{ background-color:#298DFF }
```

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