

# Converting Colors

Decimal(2727383)

Have a look what the booklet for  
Decimal(2727383) contains.

<b>Decimal(2727383)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2727383)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	299DD7
RGB	41, 157, 215
RGB Percent	16%, 62%, 84%
CMY	0.8392, 0.3843, 0.1569
CMYK	0.81, 0.27, 0.00, 0.16
HSL	200°, 69%, 50%
HSV	200°, 81%, 84%
XYZ	25.2372, 29.4917, 68.6523
YIQ	128.9280, -87.7540, -6.5540

# Conversions

## Conversions Part 2

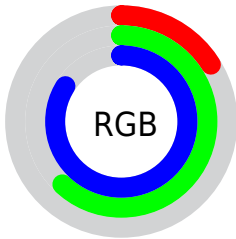
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 111, 215
Decimal	2727383
CIE <sub>Lab</sub>	61.21, -11.45, -38.37
CIE <sub>LCh</sub>	61, 40.044, 253.391
Yxy	29.4917, 0.2045, 0.2390
Android (android.graphics.Color)	4280917463 (0xFF299DD7)
YUV	128.9280, 42.4335, -77.1129
Hunter-Lab	54.3062, -12.0834, -36.9383

# Details

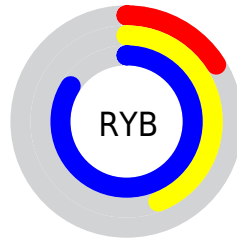
The Decimal color **2727383** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **14115625**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **7590911**, and **27296** is the 20% darker color. If you saturate the color by 10%, you get **1349335**, and if you desaturate by 10%, it is **4105431**.

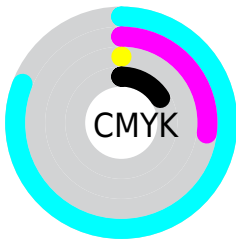
# Distribution



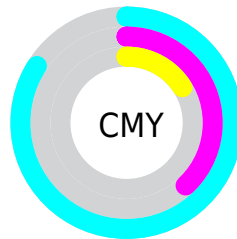
- Red (16%)
- Green (62%)
- Blue (84%)



- Red (16%)
- Yellow (44%)
- Blue (84%)



- Cyan (81%)
- Magenta (27%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (38%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2727383 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 2727383 by changing the saturation by 10% instead.



■ 2727383

■ 2727383

16777215

■ 33723

■ 7590911

■ 27296

■ 9629951

■ 21125

■ 11665407

■ 15212

■ 13631487

■ 9811

■ 15663103

■ 3644

■ 549

■ 270

■ 0

■ 2727383

■ 2727383

■ 1349335

■ 4105431

■ 36823

■ 5549015

■ 6992855

■ 8370903

■ 9814487

■ 11192535

■ 12636119

■ 14014167

■ 15458007

# Harmonies

## Analogous

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



42179



2727383



7901912

# Triad

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



2727383



14186373



7577695

# Complementary

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



2727383



14115625

# 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.



10131277



2727383



13729637

# Square

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



2727383



13400745



12290896



4302206

# Rectangle

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



2727383



10258895



12290896



8494423

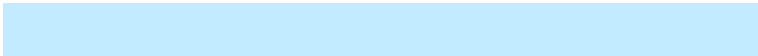


# Sweetspot

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



2727383



12774399



2742115



5993344



0



8421504

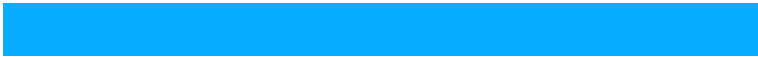


# Same Dimension

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



2727383



568831



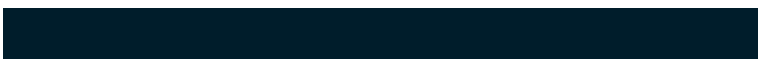
2705879



6318187



29355



7467



# Inverse Universe

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



14100893



16713901



14137897



7037032



11206770



2818077



# Previews

## White Background



This preview shows how the Decimal color 2727383 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 2727383 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

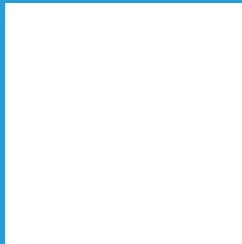
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2727383 Background



This preview shows how black text looks on a background with the Decimal color 2727383.



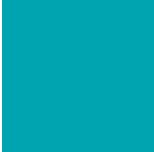
This preview shows how white text looks on a background with the Decimal color 2727383.

# 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](#).

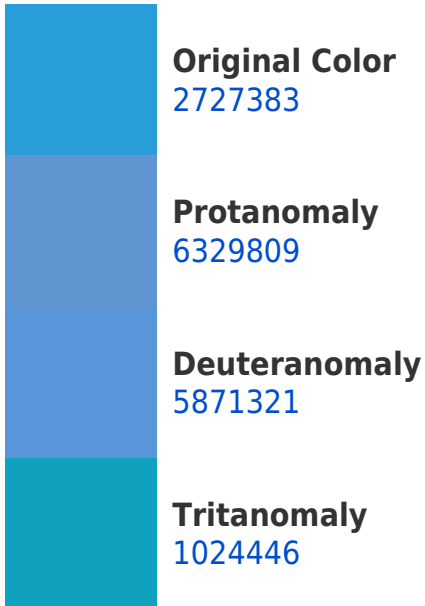
## Dichromacy





**Tritanopia**  
41904

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2727383 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 #299DD7 looks like.

```
.text, #text, p{  
    color:#299DD7  
}
```

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 #299DD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299DD7
}
```

## Border

The CSS property to change the border of an element to Decimal 2727383 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
#299DD7 }
```

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

```
.border{ border-color:#299DD7 }
```

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

Here you see how a box with a 4 pixel #299DD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299DD7; -webkit-box-shadow:4px 4px  
4px 4px #299DD7; box-shadow:4px 4px 4px  
4px #299DD7 }
```

# Background

The CSS property to change the background color of an element to Decimal 2727383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299DD7 }
```

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

```
.background{ background-color:#299DD7 }
```

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