

Converting Colors

Decimal(2599642)

Have a look what the booklet for
Decimal(2599642) contains.

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Color

Decimal(2599642)

Conversions

Conversions Part 1

Format	Color
Hex	27AADA
RGB	39, 170, 218
RGB Percent	15%, 67%, 85%
CMY	0.8471, 0.3333, 0.1451
CMYK	0.82, 0.22, 0.00, 0.15
HSL	196°, 71%, 50%
HSV	196°, 82%, 85%
XYZ	27.8663, 34.2427, 71.4705
YIQ	136.3030, -93.4840, -12.8440

Conversions

Conversions Part 2

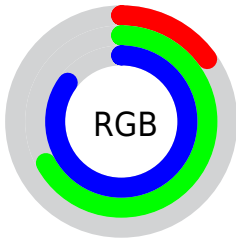
Format	Color
R _Y B	39, 115, 218
Decimal	2599642
CIE Lab	65.15, -17.64, -33.89
CIE LCh	65, 38.209, 242.501
Yxy	34.2427, 0.2086, 0.2563
Android (android.graphics.Color)	4280789722 (0xFF27AADA)
YUV	136.3030, 40.2766, -85.3347
Hunter-Lab	58.5173, -17.4024, -31.4521

Details

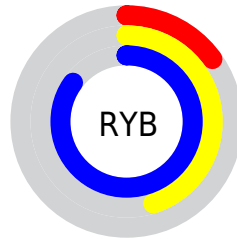
The Decimal color **2599642** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **14309159**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **7594495**, and **30371** is the 20% darker color. If you saturate the color by 10%, you get **1156314**, and if you desaturate by 10%, it is **4042970**.

Distribution



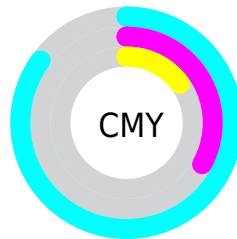
- Red (15%)
- Green (67%)
- Blue (85%)



- Red (15%)
- Yellow (45%)
- Blue (85%)



- Cyan (82%)
- Magenta (22%)
- Yellow (0%)
- Black (15%)

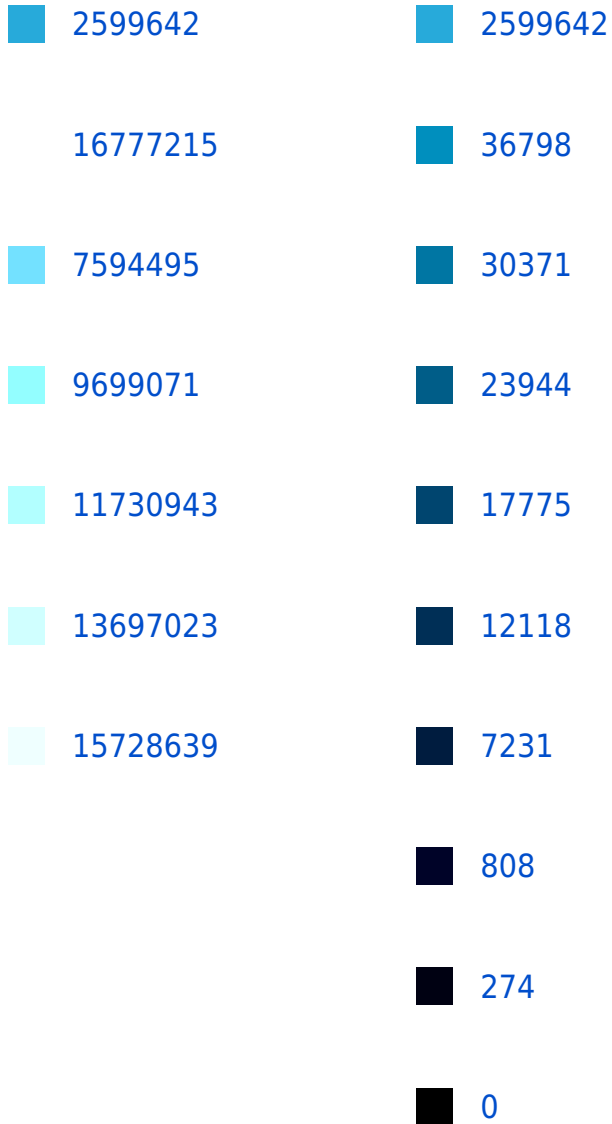


- Cyan (85%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2599642 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 2599642 by changing the saturation by 10% instead.



■ 2599642

■ 2599642

■ 1156314

■ 4042970

■ 41178

■ 5486298

■ 6864090

■ 8307162

■ 9750490

■ 11193818

■ 12637146

■ 14014938

■ 15458266

Harmonies

Analogous

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



44994



2599642



7315938

Triad

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



2599642



14582685



9348963

Complementary

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



2599642



14309159

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.



11640153



2599642



14583675

Square

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



2599642



13339070



13537634



6598013

Rectangle

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



2599642



9803997



13537634



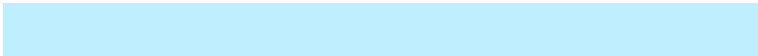
10134622

Sweetspot

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



2599642



12578559



2611799



5862784



0



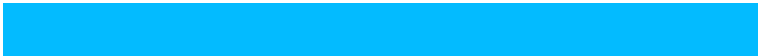
8421504

Same Dimension

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



2599642



244735



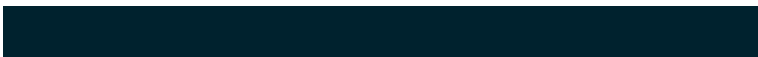
2576858



6515566



32685



8750

Inverse Universe

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



14297002



16712635



14331943



7234411



11337855



3014690

Previews

White Background



This preview shows how the Decimal color 2599642 looks on a white background.

Color Contrast Check

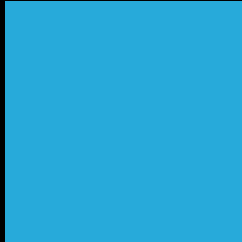
Large Text (above 18pt) WCAG AA × Fail

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 2599642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

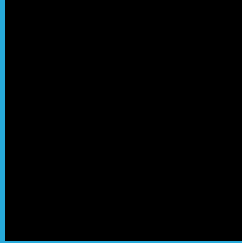
Any Text WCAG AA ✓ Pass

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 2599642 Background



This preview shows how black text looks on a background with the Decimal color 2599642.



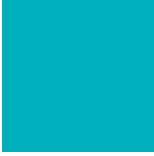
This preview shows how white text looks on a background with the Decimal color 2599642.

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



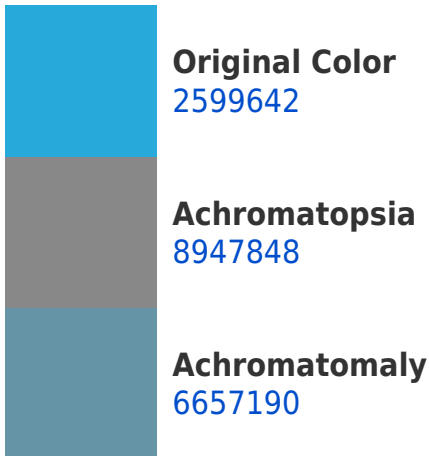


Tritanopia
44988

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2599642 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 #27AADA looks like.

```
.text, #text, p{  
  color:#27AADA  
}
```

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 #27AADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27AADA
}
```

Border

The CSS property to change the border of an element to Decimal 2599642 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
#27AADA }
```

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

```
.border{ border-color:#27AADA }
```

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

Here you see how a box with a 4 pixel #27AADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27AADA; -webkit-box-shadow:4px 4px  
4px 4px #27AADA; box-shadow:4px 4px 4px  
4px #27AADA }
```

Background

The CSS property to change the background color of an element to Decimal 2599642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27AADA }
```

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

```
.background{ background-color:#27AADA }
```

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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