

Converting Colors

Decimal(2796756)

Have a look what the booklet for
Decimal(2796756) contains.

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Color

Decimal(2796756)

Conversions

Conversions Part 1

Format	Color
Hex	2AACD4
RGB	42, 172, 212
RGB Percent	16%, 67%, 83%
CMY	0.8353, 0.3255, 0.1686
CMYK	0.80, 0.19, 0.00, 0.17
HSL	194°, 67%, 50%
HSV	194°, 80%, 83%
XYZ	27.5910, 34.7508, 67.5407
YIQ	137.6900, -90.3200, -15.1200

Conversions

Conversions Part 2

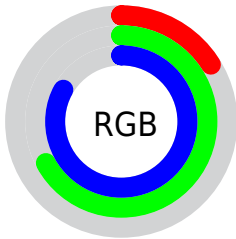
Format	Color
R _Y B	42, 116, 212
Decimal	2796756
CIE Lab	65.55, -20.46, -29.96
CIE LCh	66, 36.279, 235.666
Yxy	34.7508, 0.2124, 0.2676
Android (android.graphics.Color)	4280986836 (0xFF2AACD4)
YUV	137.6900, 36.6348, -83.9201
Hunter-Lab	58.9498, -19.6164, -26.6657

Details

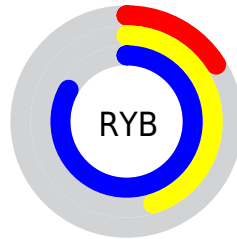
The Decimal color **2796756** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **13914666**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **7660799**, and **30877** is the 20% darker color. If you saturate the color by 10%, you get **1419220**, and if you desaturate by 10%, it is **4174292**.

Distribution



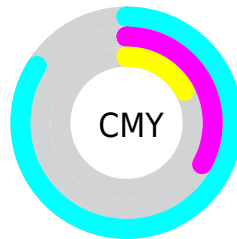
- Red (16%)
- Green (67%)
- Blue (83%)



- Red (16%)
- Yellow (45%)
- Blue (83%)



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)

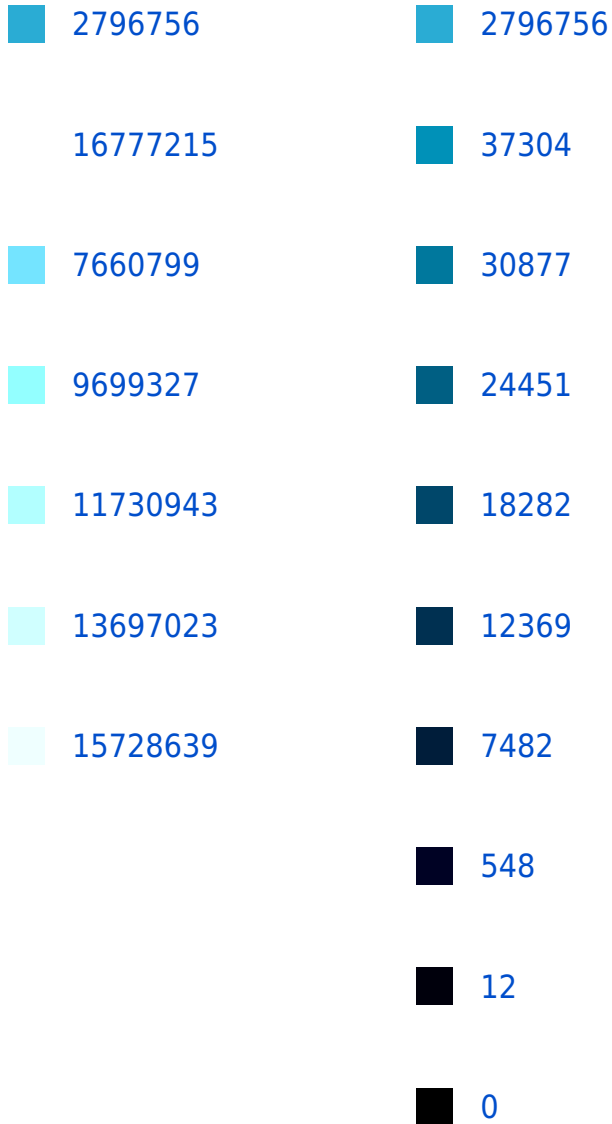


- Cyan (84%)
- Magenta (33%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2796756 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 2796756 by changing the saturation by 10% instead.



■ 2796756

■ 2796756

■ 1419220

■ 4174292

■ 41684

■ 5551828

■ 6994900

■ 8372436

■ 9749972

■ 11127508

■ 12505044

■ 13948116

■ 15325652

Harmonies

Analogous

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



1093818



2796756



6792416

Triad

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



2796756



14321317



10004067

Complementary

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



2796756



13914666

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.



12164190



2796756



14583941

Square

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



2796756



12881348



13799531



7515513

Rectangle

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



2796756



9215454



13799531



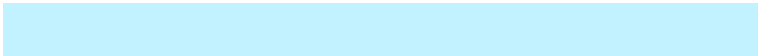
10789728

Sweetspot

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



2796756



12775935



2806866



5994368



0



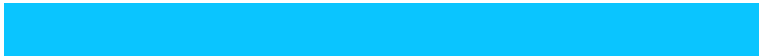
8421504

Same Dimension

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



2796756



706047



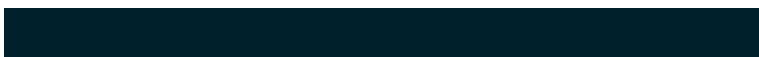
2774996



6318443



33707



8491

Inverse Universe

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



13904556



16714437



13936426



7037033



11206787



2818081

Previews

White Background



This preview shows how the Decimal color 2796756 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 2796756 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 2796756 Background



This preview shows how black text looks on a background with the Decimal color 2796756.



This preview shows how white text looks on a background with the Decimal color 2796756.

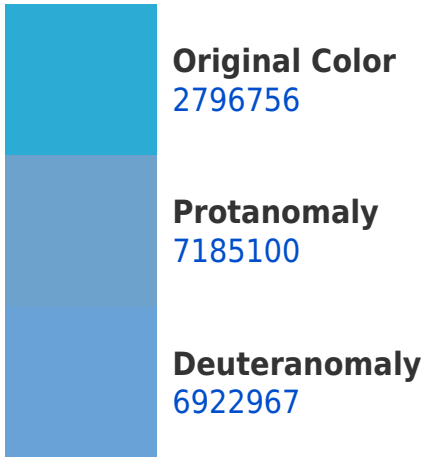
Color Blindness Simulation

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](#).

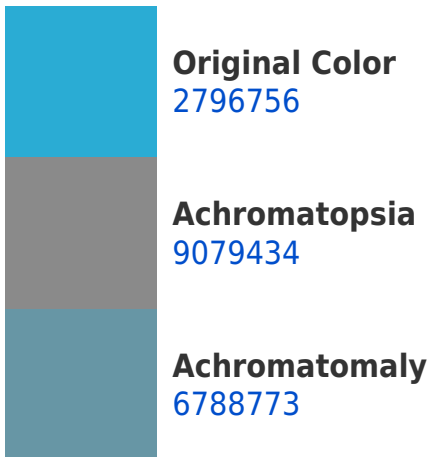
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2796756 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 #2AACD4 looks like.

```
.text, #text, p{  
    color:#2AACD4  
}
```

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 #2AACD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AACD4
}
```

Border

The CSS property to change the border of an element to Decimal 2796756 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
#2AACD4 }
```

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

```
.border{ border-color:#2AACD4 }
```

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

Here you see how a box with a 4 pixel #2AACD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AACD4; -webkit-box-shadow:4px 4px  
4px 4px #2AACD4; box-shadow:4px 4px 4px  
4px #2AACD4 }
```

Background

The CSS property to change the background color of an element to Decimal 2796756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AACD4 }
```

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

```
.background{ background-color:#2AACD4 }
```

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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