

Converting Colors

Decimal(42727)

Have a look what the booklet for
Decimal(42727) contains.

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Color

Decimal(42727)

Conversions

Conversions Part 1

Format	Color
Hex	00A6E7
RGB	0, 166, 231
RGB Percent	0%, 65%, 91%
CMY	1.0000, 0.3490, 0.0941
CMYK	1.00, 0.28, 0.00, 0.09
HSL	197°, 100%, 45%
HSV	197°, 100%, 91%
XYZ	28.0600, 33.0420, 80.5001
YIQ	123.7760, -119.8010, -14.9770

Conversions

Conversions Part 2

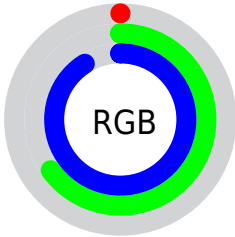
Format	Color
RYB	0, 97, 231
Decimal	42727
CIELab	64.19, -12.74, -42.58
CIELCh	64, 44.443, 253.346
Yxy	33.0420, 0.1982, 0.2333
Android (android.graphics.Color)	4278232807 (0xFF00A6E7)
YUV	123.7760, 52.8614, -108.5516
Hunter-Lab	57.4821, -13.4586, -42.7944

Details

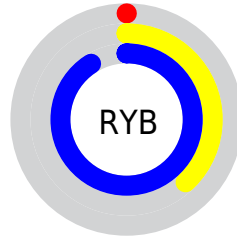
The Decimal color **42727** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **15155456**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **7069183**, and **29359** is the 20% darker color. If you saturate the color by 10%, you get **42727**, and if you desaturate by 10%, it is **1551591**.

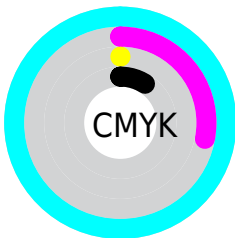
Distribution



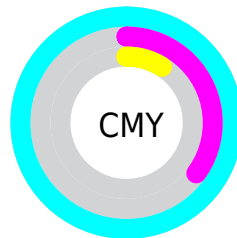
- Red (0%)
- Green (65%)
- Blue (91%)



- Red (0%)
- Yellow (38%)
- Blue (91%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (9%)

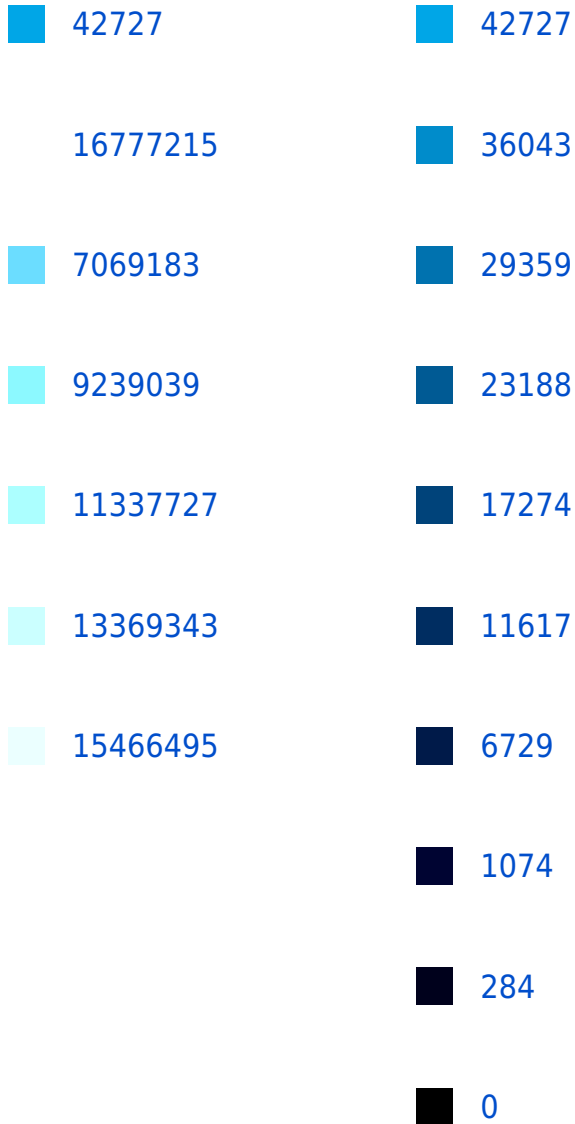


- Cyan (100%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 42727 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 42727 by changing the saturation by 10% instead.



■ 42727

■ 1551591

■ 3060711

■ 4569831

■ 6078695

■ 7653095

■ 9162215

■ 10671079

■ 12180199

■ 13689319

Harmonies

Analogous

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



44497



42727



8100585

Triad

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



42727



15170443



7776608

Complementary

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



42727



15155456

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.



10657612



42727



14648423

Square

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



42727



14319283



13013583



3911300

Rectangle

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



42727



10850526



13013583



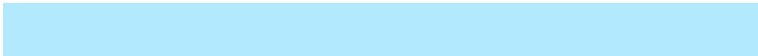
8824407

Sweetspot

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



42727



11790847



59198



5403520



0



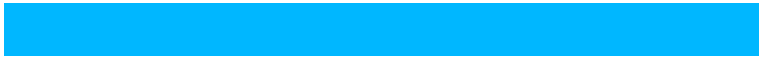
8421504

Same Dimension

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



42727



47103



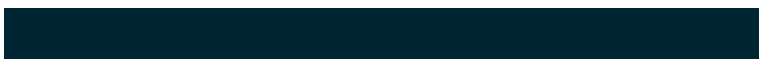
14055



6778995



32947



9523

Inverse Universe

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



15138982



16711863



15184128



7563120



11731072



3342373

Previews

White Background



This preview shows how the Decimal color 42727 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 42727 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 42727 Background



This preview shows how black text looks on a background with the Decimal color 42727.



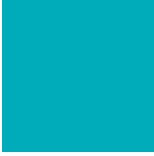
This preview shows how white text looks on a background with the Decimal color 42727.

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](#).

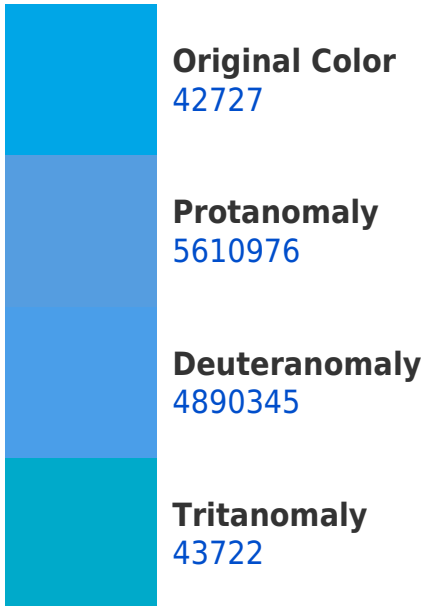
Dichromacy





Tritanopia
44217

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 42727 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 #00A6E7 looks like.

```
.text, #text, p{  
    color:#00A6E7  
}
```

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 #00A6E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A6E7
}
```

Border

The CSS property to change the border of an element to Decimal 42727 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
#00A6E7 }
```

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

```
.border{ border-color:#00A6E7 }
```

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

Here you see how a box with a 4 pixel #00A6E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A6E7; -webkit-box-shadow:4px 4px  
4px 4px #00A6E7; box-shadow:4px 4px 4px  
4px #00A6E7 }
```

Background

The CSS property to change the background color of an element to Decimal 42727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A6E7 }
```

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

```
.background{ background-color:#00A6E7 }
```

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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