

Converting Colors

Decimal(41431)

Have a look what the booklet for
Decimal(41431) contains.

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Color

Decimal(41431)

Conversions

Conversions Part 1

Format	Color
Hex	00A1D7
RGB	0, 161, 215
RGB Percent	0%, 63%, 84%
CMY	1.0000, 0.3686, 0.1569
CMYK	1.00, 0.25, 0.00, 0.16
HSL	195°, 100%, 42%
HSV	195°, 100%, 84%
XYZ	25.0106, 30.3960, 68.8388
YIQ	119.0170, -113.2900, -17.3380

Conversions

Conversions Part 2

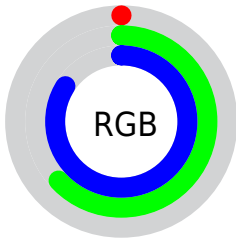
Format	Color
RYB	0, 92, 215
Decimal	41431
CIELab	61.99, -15.78, -37.18
CIELCh	62, 40.390, 247.005
Yxy	30.3960, 0.2013, 0.2446
Android (android.graphics.Color)	4278231511 (0xFF00A1D7)
YUV	119.0170, 47.3196, -104.3779
Hunter-Lab	55.1326, -15.5065, -35.4369

Details

The Decimal color **41431** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **14104064**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **6805759**, and **28064** is the 20% darker color. If you saturate the color by 10%, you get **41431**, and if you desaturate by 10%, it is **1418967**.

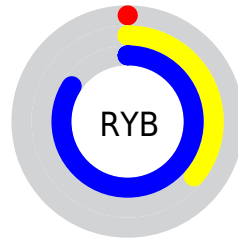
Distribution



Red (0%)

Green (63%)

Blue (84%)



Red (0%)

Yellow (36%)

Blue (84%)

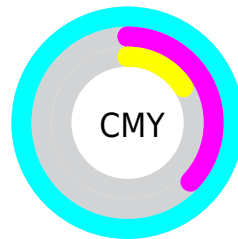


Cyan (100%)

Magenta (25%)

Yellow (0%)

Black (16%)



Cyan (100%)

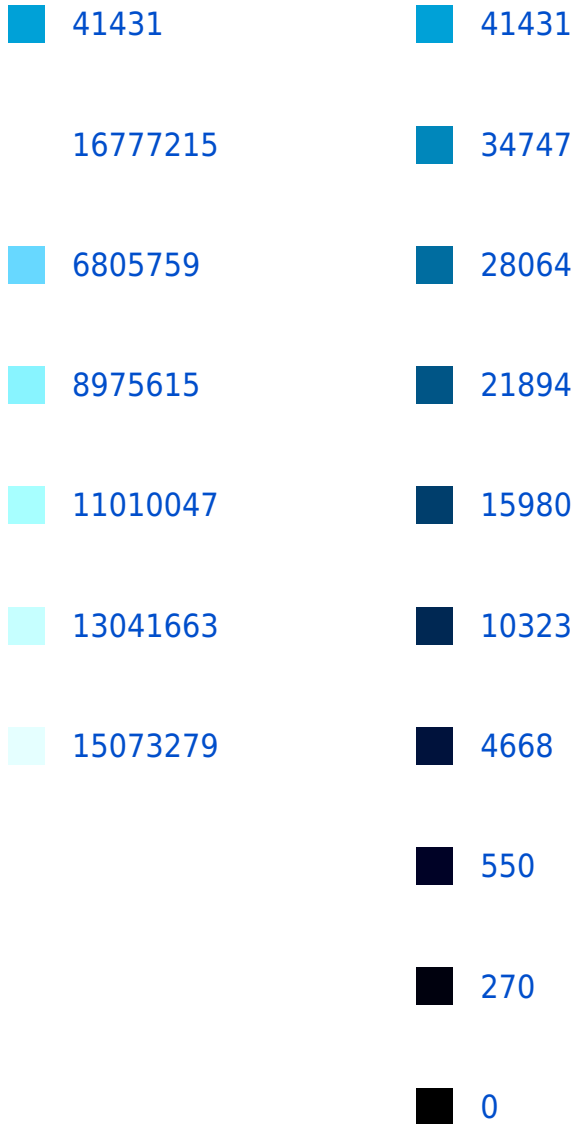
Magenta (37%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 41431 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 41431 by changing the saturation by 10% instead.



■ 41431

■ 1418967

■ 2862295

■ 4305367

■ 5683159

■ 7126231

■ 8503767

■ 9947095

■ 11324631

■ 12767959

Harmonies

Analogous

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



42944



41431



7116765

Triad

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



41431



14317967



8298587

Complementary

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



41431



14104064

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.



10786381



41431



14057069

Square

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



41431



13204915



12814932



5219961

Rectangle

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



41431



9735894



12814932



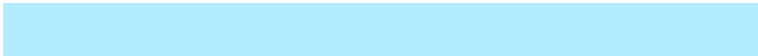
9149780

Sweetspot

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



41431



11791615



55094



5403776



0



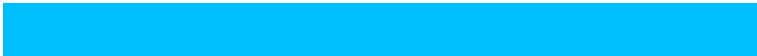
8421504

Same Dimension

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



41431



49151



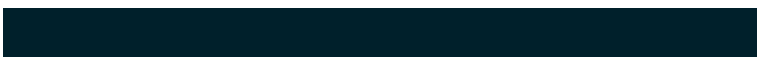
14039



6318187



32939



8235

Inverse Universe

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



14090401



16711871



14131456



7037032



11206784



2818080

Previews

White Background



This preview shows how the Decimal color 41431 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 41431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

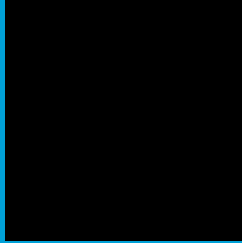
Any Text WCAG AA ✓ Pass

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 41431 Background



This preview shows how black text looks on a background with the Decimal color 41431.

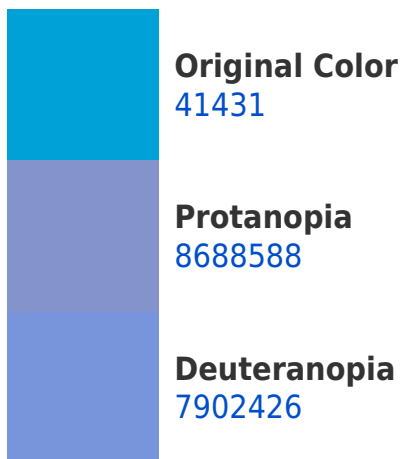


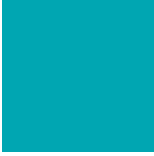
This preview shows how white text looks on a background with the Decimal color 41431.

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](#).

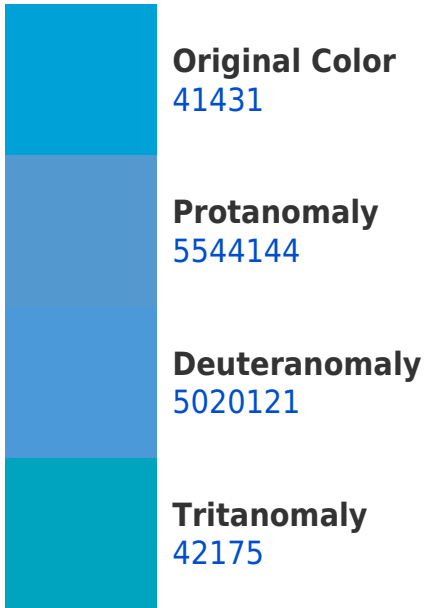
Dichromacy





Tritanopia
42674

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 41431 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 #00A1D7 looks like.

```
.text, #text, p{  
    color:#00A1D7  
}
```

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 #00A1D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1D7
}
```

Border

The CSS property to change the border of an element to Decimal 41431 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
#00A1D7 }
```

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

```
.border{ border-color:#00A1D7 }
```

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

Here you see how a box with a 4 pixel #00A1D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1D7; -webkit-box-shadow:4px 4px  
4px 4px #00A1D7; box-shadow:4px 4px 4px  
4px #00A1D7 }
```

Background

The CSS property to change the background color of an element to Decimal 41431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1D7 }
```

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

```
.background{ background-color:#00A1D7 }
```

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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