

Converting Colors

Decimal(304876)

Have a look what the booklet for
Decimal(304876) contains.

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Color

Decimal(304876)

Conversions

Conversions Part 1

Format	Color
Hex	04A6EC
RGB	4, 166, 236
RGB Percent	2%, 65%, 93%
CMY	0.9843, 0.3490, 0.0745
CMYK	0.98, 0.30, 0.00, 0.07
HSL	198°, 97%, 47%
HSV	198°, 98%, 93%
XYZ	28.8266, 33.3544, 84.2756
YIQ	125.5420, -119.0220, -12.5740

Conversions

Conversions Part 2

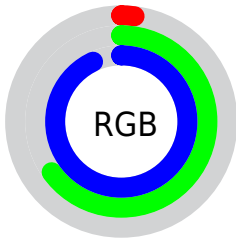
Format	Color
RYB	4, 99, 236
Decimal	304876
CIELab	64.45, -10.82, -44.93
CIELCh	64, 46.213, 256.461
Yxy	33.3544, 0.1968, 0.2277
Android (android.graphics.Color)	4278494956 (0xFF04A6EC)
YUV	125.5420, 54.4558, -106.5923
Hunter-Lab	57.7532, -11.9728, -46.0908

Details

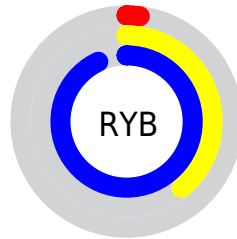
The Decimal color **304876** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **15485444**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **7134719**, and **29364** is the 20% darker color. If you saturate the color by 10%, you get **42476**, and if you desaturate by 10%, it is **1879532**.

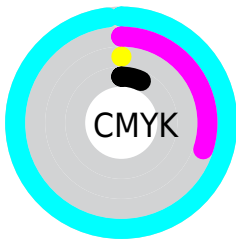
Distribution



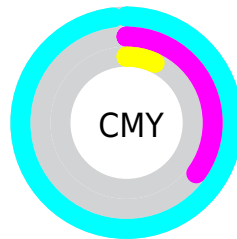
- Red (2%)
- Green (65%)
- Blue (93%)



- Red (2%)
- Yellow (39%)
- Blue (93%)



- Cyan (98%)
- Magenta (30%)
- Yellow (0%)
- Black (7%)

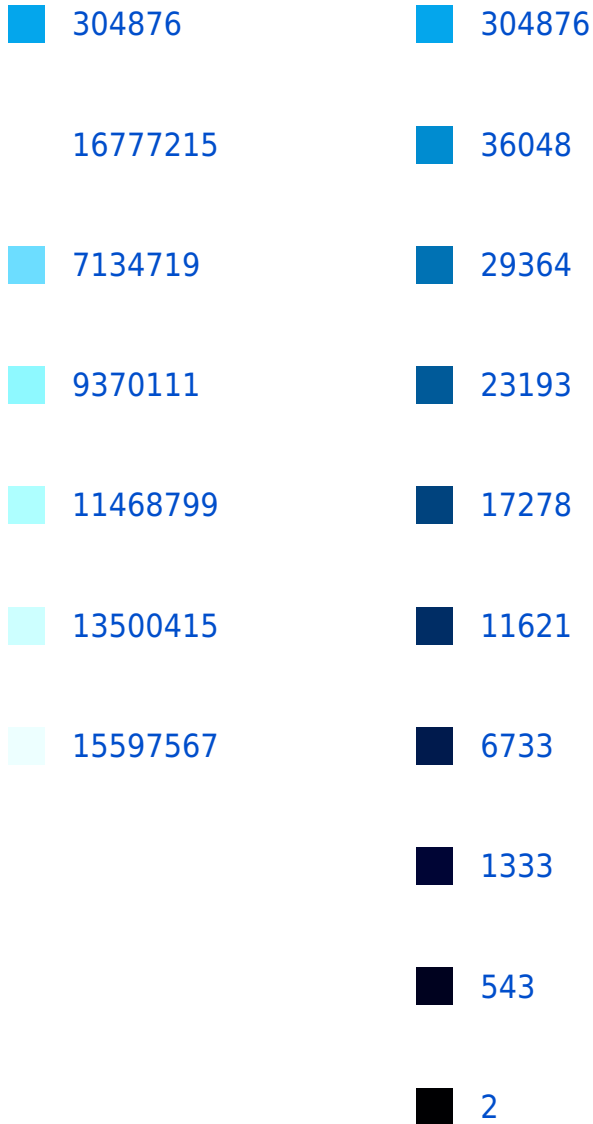


- Cyan (98%)
- Magenta (35%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 304876 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 304876 by changing the saturation by 10% instead.



■ 304876

■ 304876

■ 42476

■ 1879532

■ 3388652

■ 4963308

■ 6472428

■ 8047340

■ 9621996

■ 11131116

■ 12705772

■ 14214892

Harmonies

Analogous

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



44759



304876



8493547

Triad

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



304876



15366791



7383905

Complementary

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



304876



15485444

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.



10461514



304876



14713954

Square

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



304876



14646449



12948299



2797704

Rectangle

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



304876



11243231



12948299



8497239

Sweetspot

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



304876



11921919



322634



5468800



0



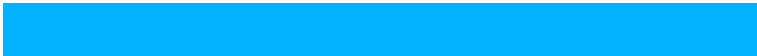
8421504

Same Dimension

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



304876



45823



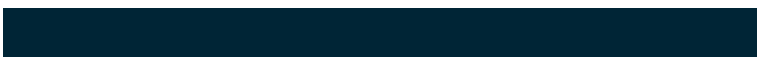
275180



6976117



32437



9526

Inverse Universe

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



15467686



16711858



15515140



7694962



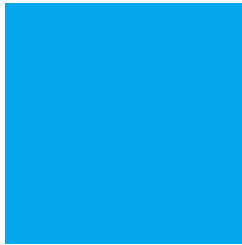
11862142



3538981

Previews

White Background



This preview shows how the Decimal color 304876 looks on a white background.

Color Contrast Check

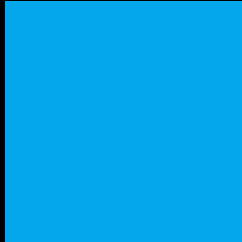
Large Text (above 18pt) WCAG AA × Fail

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 304876 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

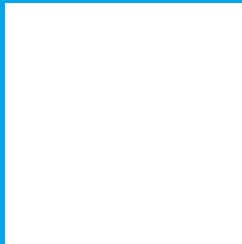
Any Text WCAG AAA ✓ Pass

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

Decimal 304876 Background



This preview shows how black text looks on a background with the Decimal color 304876.

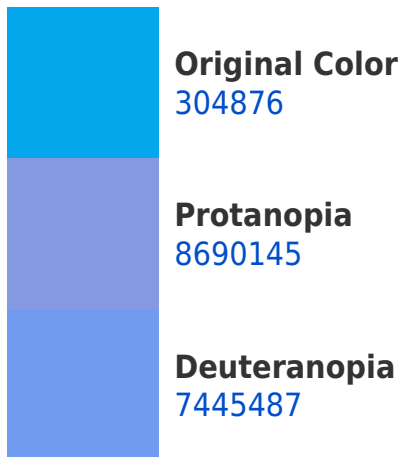


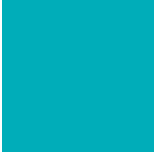
This preview shows how white text looks on a background with the Decimal color 304876.

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](#).

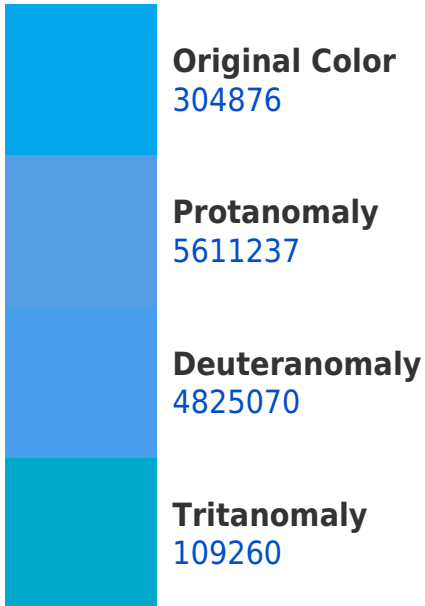
Dichromacy



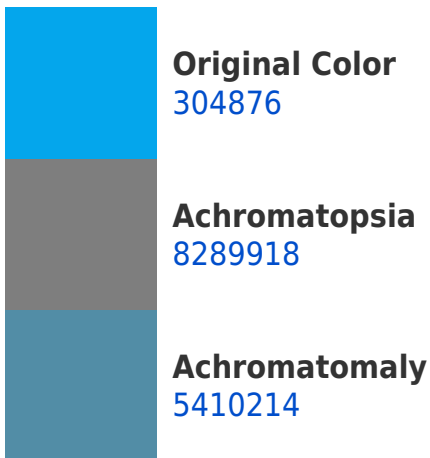


Tritanopia
44473

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 304876 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 #04A6EC looks like.

```
.text, #text, p{  
    color:#04A6EC  
}
```

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 #04A6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A6EC
}
```

Border

The CSS property to change the border of an element to Decimal 304876 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
#04A6EC }
```

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

```
.border{ border-color:#04A6EC }
```

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

Here you see how a box with a 4 pixel #04A6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A6EC; -webkit-box-shadow:4px 4px  
4px 4px #04A6EC; box-shadow:4px 4px 4px  
4px #04A6EC }
```

Background

The CSS property to change the background color of an element to Decimal 304876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A6EC }
```

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

```
.background{ background-color:#04A6EC }
```

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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