

Converting Colors

Decimal(49120)

Have a look what the booklet for
Decimal(49120) contains.

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Color

Decimal(49120)

Conversions

Conversions Part 1

Format	Color
Hex	00BFE0
RGB	0, 191, 224
RGB Percent	0%, 75%, 88%
CMY	1.0000, 0.2510, 0.1216
CMYK	1.00, 0.15, 0.00, 0.12
HSL	189°, 100%, 44%
HSV	189°, 100%, 88%
XYZ	32.0853, 42.6434, 77.0609
YIQ	137.6530, -124.4290, -30.2290

Conversions

Conversions Part 2

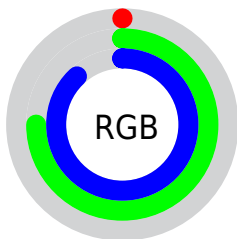
Format	Color
RYB	0, 103, 224
Decimal	49120
CIELab	71.31, -28.20, -27.69
CIELCh	71, 39.526, 224.480
Yxy	42.6434, 0.2114, 0.2809
Android (android.graphics.Color)	4278239200 (0xFF00BFE0)
YUV	137.6530, 42.5691, -120.7217
Hunter-Lab	65.3019, -26.5745, -24.2551

Details

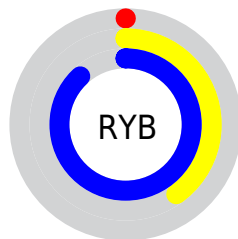
The Decimal color **49120** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **14688512**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **7141631**, and **35241** is the 20% darker color. If you saturate the color by 10%, you get **49120**, and if you desaturate by 10%, it is **1491680**.

Distribution



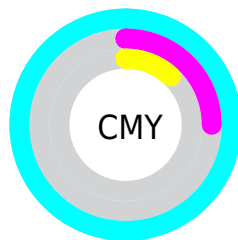
- Red (0%)
- Green (75%)
- Blue (88%)



- Red (0%)
- Yellow (40%)
- Blue (88%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 49120 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 49120 by changing the saturation by 10% instead.



■ 49120

■ 1491680

■ 3000032

■ 4442592

■ 5950688

■ 7393504

■ 8836064

■ 10344160

■ 11786720

■ 13295072

Harmonies

Analogous

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



2343615



49120



5748979

Triad

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



49120



15308227



11907688

Complementary

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



49120



14688512

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.



14067305



49120



16094110

Square

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



49120



13213666



15571582



9288570

Rectangle

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



49120



8630518



15571582



12693094

Sweetspot

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



49120



11793663



57374



5405056



0



8421504

Same Dimension

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



49120



55807



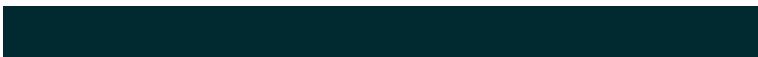
21216



6647664



38576



10544

Inverse Universe

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



14680255



16711897



14716416



7365999



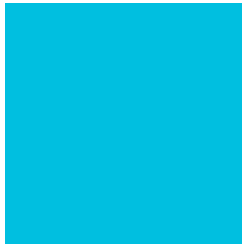
11534486



3145769

Previews

White Background



This preview shows how the Decimal color 49120 looks on a white background.

Color Contrast Check

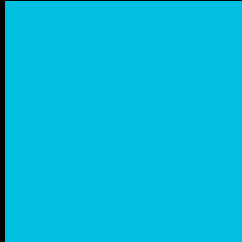
Large Text (above 18pt) WCAG AA × Fail

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 49120 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 49120 Background



This preview shows how black text looks on a background with the Decimal color 49120.

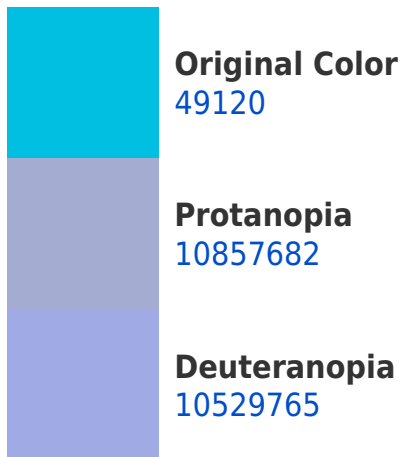


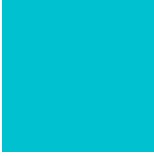
This preview shows how white text looks on a background with the Decimal color 49120.

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



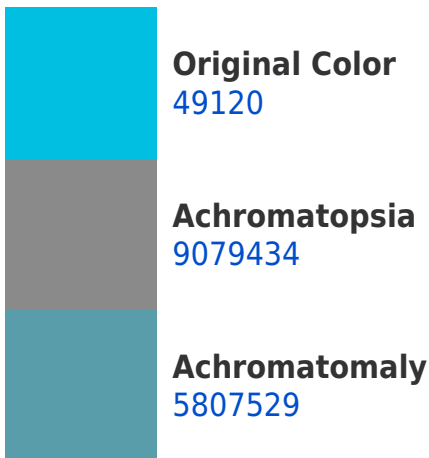


Tritanopia
49616

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 49120 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 #00BFE0 looks like.

```
.text, #text, p{  
    color:#00BFE0  
}
```

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 #00BFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BFE0
}
```

Border

The CSS property to change the border of an element to Decimal 49120 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
#00BFE0 }
```

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

```
.border{ border-color:#00BFE0 }
```

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

Here you see how a box with a 4 pixel #00BFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BFE0; -webkit-box-shadow:4px 4px  
4px 4px #00BFE0; box-shadow:4px 4px 4px  
4px #00BFE0 }
```

Background

The CSS property to change the background color of an element to Decimal 49120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BFE0 }
```

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

```
.background{ background-color:#00BFE0 }
```

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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