

# Converting Colors

Decimal(56048)

Have a look what the booklet for  
Decimal(56048) contains.

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# **Color**

**Decimal(56048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DAF0
RGB	0, 218, 240
RGB Percent	0%, 85%, 94%
CMY	1.0000, 0.1451, 0.0588
CMYK	1.00, 0.09, 0.00, 0.06
HSL	186°, 100%, 47%
HSV	186°, 100%, 94%
XYZ	40.7996, 56.4341, 91.1806
YIQ	155.3260, -136.9900, -39.3740

# Conversions

## Conversions Part 2

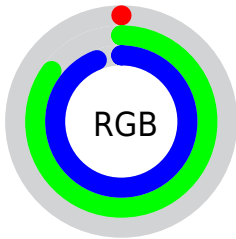
Format	Color
<b>RYB</b>	0, 114, 240
Decimal	56048
CIELab	79.86, -36.02, -23.24
CIELCh	80, 42.862, 212.831
Yxy	56.4341, 0.2165, 0.2995
Android (android.graphics.Color)	4278246128 (0xFF00DAF0)
YUV	155.3260, 41.7443, -136.2209
Hunter-Lab	75.1226, -34.5201, -19.3778

# Details

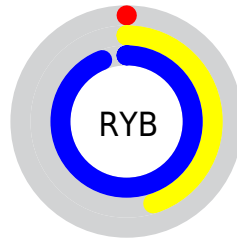
The Decimal color **56048** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **15734272**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **7536639**, and **41912** is the 20% darker color. If you saturate the color by 10%, you get **56048**, and if you desaturate by 10%, it is **1629424**.

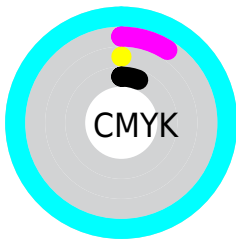
# Distribution



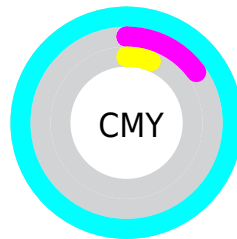
- Red (0%)
- Green (85%)
- Blue (94%)



- Red (0%)
- Yellow (45%)
- Blue (94%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



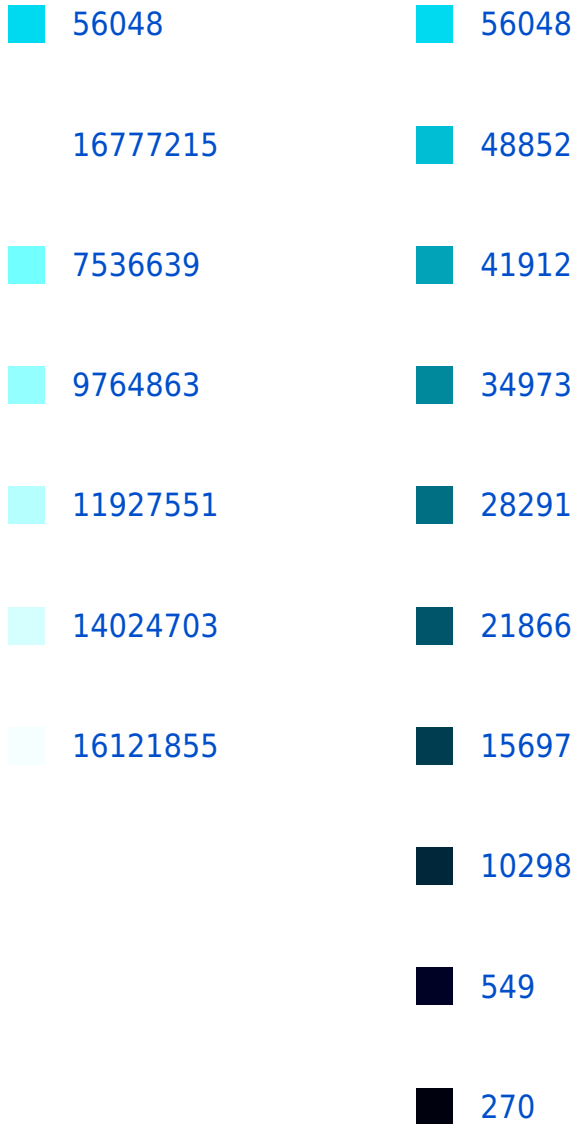
- Cyan (100%)
- Magenta (15%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 56048 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 56048 by changing the saturation by 10% instead.





■ 56048

■ 1629424

■ 3202800

■ 4776432

■ 6349808

■ 7923184

■ 9496560

■ 11069936

■ 12643568

■ 14216944

# Harmonies

## Analogous

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



4840393



56048



4773119

# Triad

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



56048



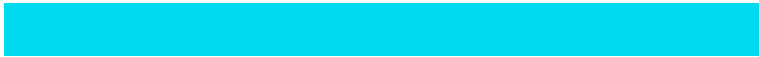
16559595



14534005

# Complementary

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



56048



15734272

# 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.



16693120



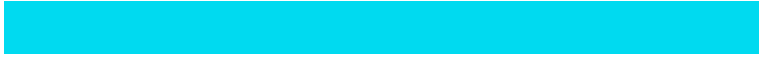
56048



16754628

# Square

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



56048



13613823



16755613



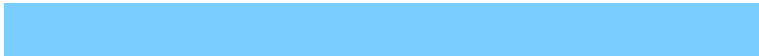
11718785

# Rectangle

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



56048



8048127



16755613

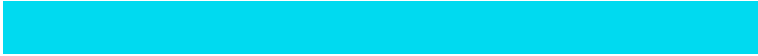


15319158



# Sweetspot

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



56048



11794687



61460



5405568



0



8421504



# Same Dimension

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



56048



59647



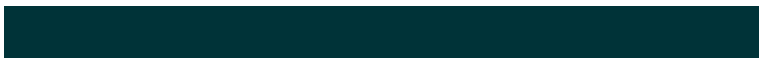
25840



7108472



42936



13112



# Inverse Universe

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



15728858



16711912



15764480



7892087



12058791

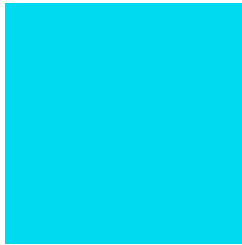


3670067



# Previews

## White Background



This preview shows how the Decimal color 56048 looks on a white background.

## Color Contrast Check

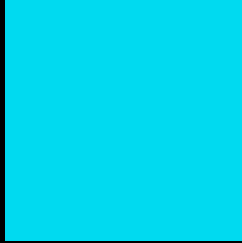
Large Text (above 18pt) WCAG AA × Fail

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 56048 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

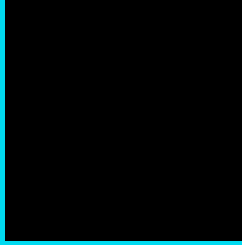
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 56048 Background



This preview shows how black text looks on a background with the Decimal color 56048.

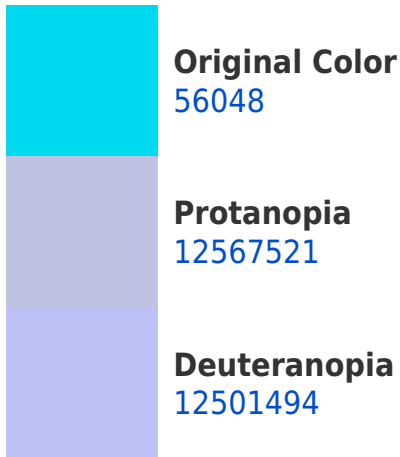


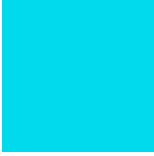
This preview shows how white text looks on a background with the Decimal color 56048.

# 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



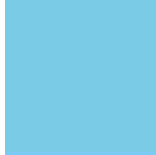


**Tritanopia**  
56044

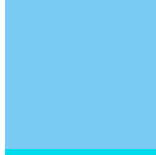
# Trichromacy



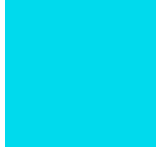
**Original Color**  
56048



**Protanomaly**  
8047590



**Deuteranomaly**  
7981812



**Tritanomaly**  
56045

# Monochromacy



**Original Color**  
56048



**Achromatopsia**  
10197915



**Achromatomaly**  
6533818

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 56048 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 #00DAF0 looks like.

```
.text, #text, p{  
    color:#00DAF0  
}
```

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 #00DAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DAF0
}
```

## Border

The CSS property to change the border of an element to Decimal 56048 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
#00DAF0 }
```

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

```
.border{ border-color:#00DAF0 }
```

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

Here you see how a box with a 4 pixel #00DAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DAF0; -webkit-box-shadow:4px 4px  
4px 4px #00DAF0; box-shadow:4px 4px 4px  
4px #00DAF0 }
```

# Background

The CSS property to change the background color of an element to Decimal 56048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DAF0 }
```

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

```
.background{ background-color:#00DAF0 }
```

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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