

# Converting Colors

Decimal(56813)

Have a look what the booklet for  
Decimal(56813) contains.

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# **Color**

**Decimal(56813)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DDED
RGB	0, 221, 237
RGB Percent	0%, 87%, 93%
CMY	1.0000, 0.1333, 0.0706
CMYK	1.00, 0.07, 0.00, 0.07
HSL	184°, 100%, 46%
HSV	184°, 100%, 93%
XYZ	41.1425, 57.8273, 89.1141
YIQ	156.7450, -136.8520, -41.8760

# Conversions

## Conversions Part 2

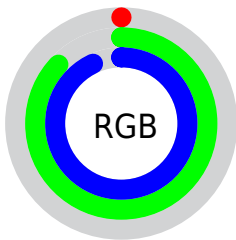
Format	Color
<a href="#">RYB</a>	<a href="#">0, 114, 237</a>
Decimal	<a href="#">56813</a>
CIELab	<a href="#">80.64, -38.33, -20.45</a>
CIELCh	<a href="#">81, 43.450, 208.082</a>
Yxy	<a href="#">57.8273, 0.2187, 0.3075</a>
Android (android.graphics.Color)	<a href="#">4278246893</a> ( <a href="#">0xFF00DDED</a> )
YUV	<a href="#">156.7450, 39.5657, -137.4654</a>
Hunter-Lab	<a href="#">76.0443, -36.5030, -16.2493</a>

# Details

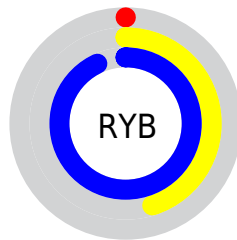
The Decimal color **56813** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **15536128**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **7536639**, and **42421** is the 20% darker color. If you saturate the color by 10%, you get **56813**, and if you desaturate by 10%, it is **1630189**.

# Distribution



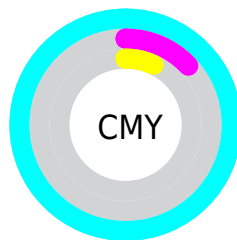
- Red (0%)
- Green (87%)
- Blue (93%)



- Red (0%)
- Yellow (45%)
- Blue (93%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (13%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 56813 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 56813 by changing the saturation by 10% instead.



 56813	 56813
 16777215	 49617
 7536639	 42421
 9764863	 35482
 11927551	 28800
 14024703	 22375
 16121855	 16207
	 10552
	 1827
	 11

■ 56813

■ 1630189

■ 3137773

■ 4711149

■ 6284269

■ 7792109

■ 9365485

■ 10938605

■ 12511981

■ 14019565

# Harmonies

## Analogous

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



5430980



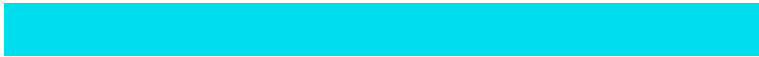
56813



3791103

# Triad

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



56813



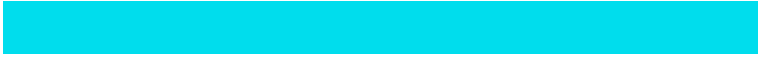
16363764



15058294

# Complementary

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



56813



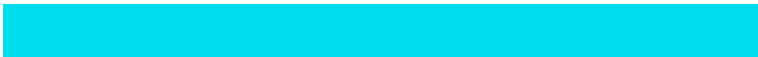
15536128

# 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.



16758660



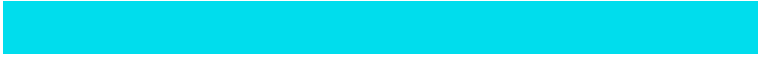
56813



16755148

# Square

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



56813



13221887



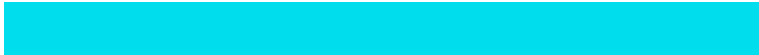
16755620



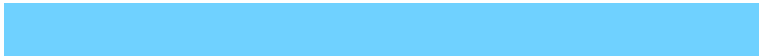
12308863

# Rectangle

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



56813



7328255



16755620



15843449



# Sweetspot

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



56813



11795199



60688



5405824



0



8421504



# Same Dimension

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



56813



61183



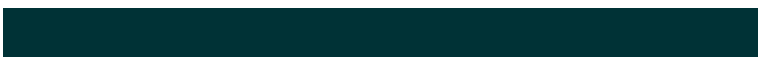
26605



6976885



43445



12854



# Inverse Universe

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



15532253



16711918



15566336



7694965



11862185

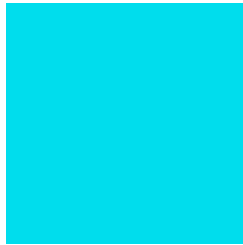


3538994



# Previews

## White Background



This preview shows how the Decimal color 56813 looks on a white background.

## Color Contrast Check

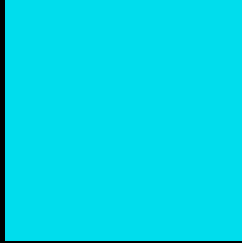
Large Text (above 18pt) WCAG AA × Fail

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 56813 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

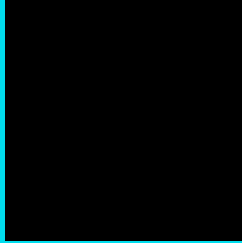
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 56813 Background



This preview shows how black text looks on a background with the Decimal color 56813.

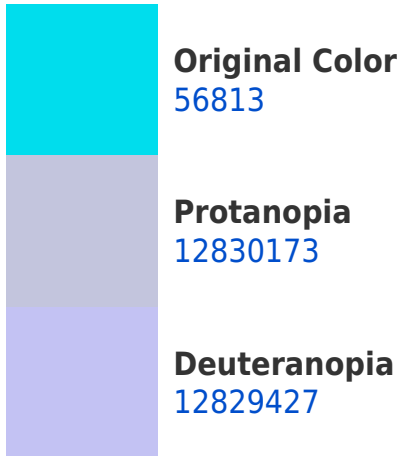


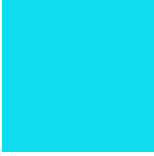
This preview shows how white text looks on a background with the Decimal color 56813.

# 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



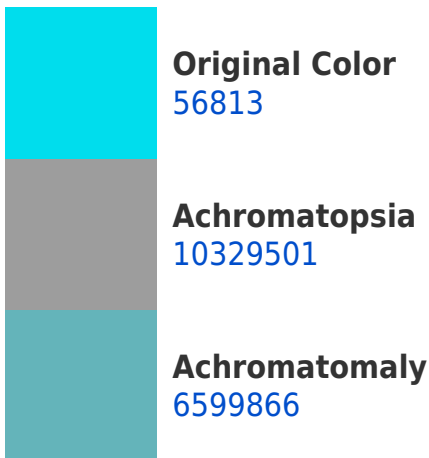


**Tritanopia**  
1039855

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 56813 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 #00DDED looks like.

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

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 #00DDED colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 56813 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
#00DDED }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 56813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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