

Converting Colors

Decimal(56050)

Have a look what the booklet for
Decimal(56050) contains.

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Color

Decimal(56050)

Conversions

Conversions Part 1

Format	Color
Hex	00DAF2
RGB	0, 218, 242
RGB Percent	0%, 85%, 95%
CMY	1.0000, 0.1451, 0.0510
CMYK	1.00, 0.10, 0.00, 0.05
HSL	186°, 100%, 47%
HSV	186°, 100%, 95%
XYZ	41.0984, 56.5536, 92.7542
YIQ	155.5540, -137.6320, -38.7520

Conversions

Conversions Part 2

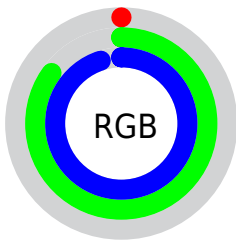
Format	Color
RYB	0, 115, 242
Decimal	56050
CIELab	79.93, -35.39, -24.20
CIELCh	80, 42.872, 214.365
Yxy	56.5536, 0.2158, 0.2970
Android (android.graphics.Color)	4278246130 (0xFF00DAF2)
YUV	155.5540, 42.6179, -136.4209
Hunter-Lab	75.2021, -34.0524, -20.4867

Details

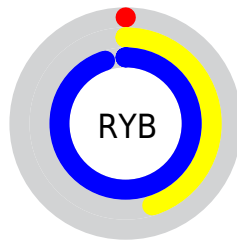
The Decimal color **56050** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **15865856**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **7536639**, and **41914** is the 20% darker color. If you saturate the color by 10%, you get **56050**, and if you desaturate by 10%, it is **1629426**.

Distribution



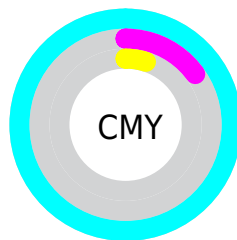
- Red (0%)
- Green (85%)
- Blue (95%)



- Red (0%)
- Yellow (45%)
- Blue (95%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)

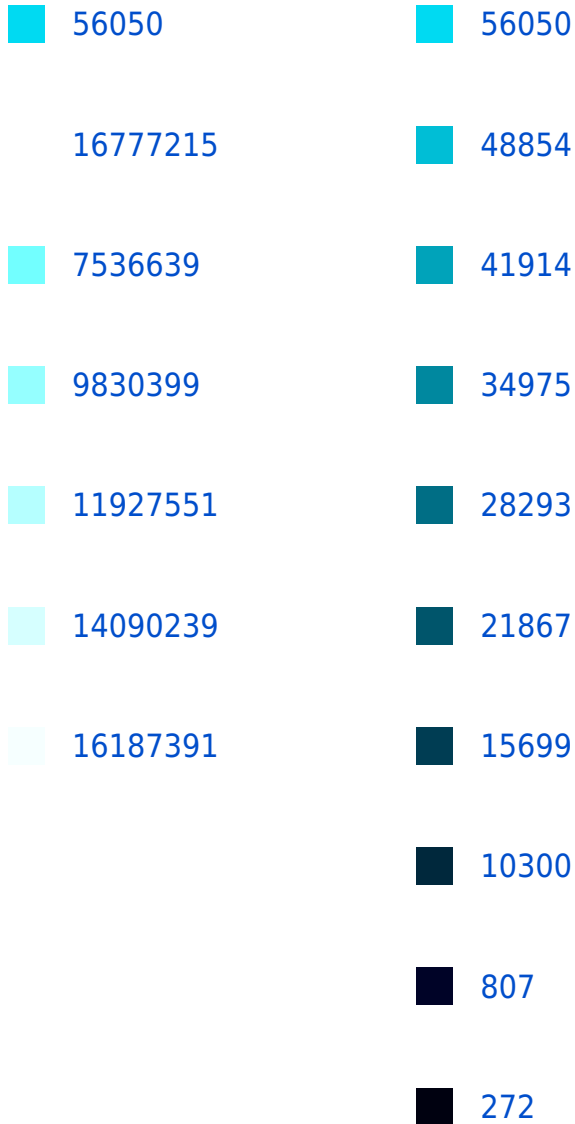


- Cyan (100%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 56050 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 56050 by changing the saturation by 10% instead.



■ 56050

■ 1629426

■ 3203058

■ 4841970

■ 6415602

■ 7988978

■ 9562354

■ 11135986

■ 12774898

■ 14348530

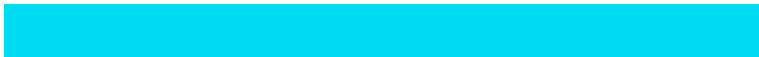
Harmonies

Analogous

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



4644043



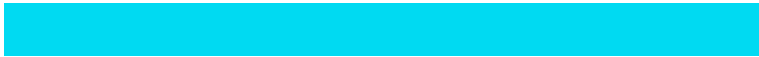
56050



5035263

Triad

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



56050



16624874



14403189

Complementary

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



56050



15865856

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.



16627839



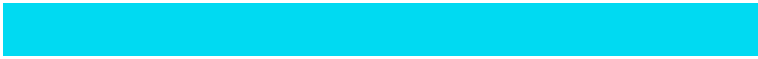
56050



16754626

Square

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



56050



13810431



16755867



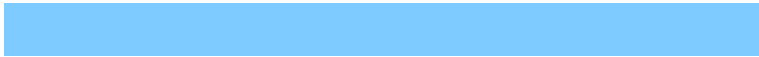
11587971

Rectangle

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



56050



8310015



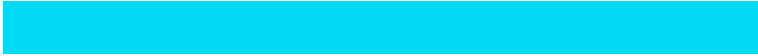
16755867



15188342

Sweetspot

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



56050



11794431



61972



5405568



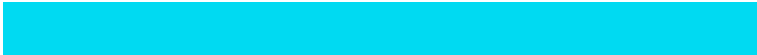
0



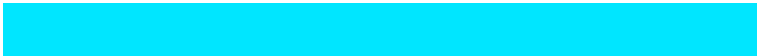
8421504

Same Dimension

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



56050



59135



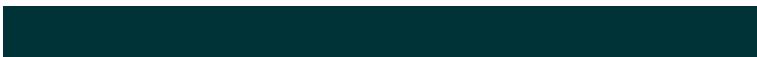
26098



7108472



42424



13112

Inverse Universe

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



15859930



16711910



15895808



7892087



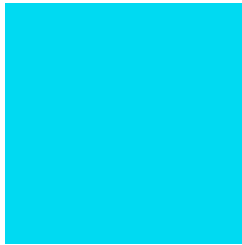
12058789



3670067

Previews

White Background



This preview shows how the Decimal color 56050 looks on a white background.

Color Contrast Check

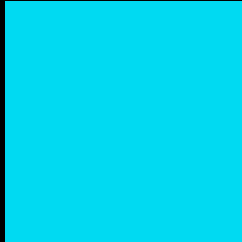
Large Text (above 18pt) WCAG AA × Fail

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 56050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

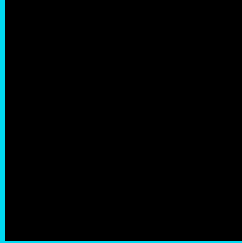
Any Text WCAG AA ✓ Pass

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 56050 Background



This preview shows how black text looks on a background with the Decimal color 56050.

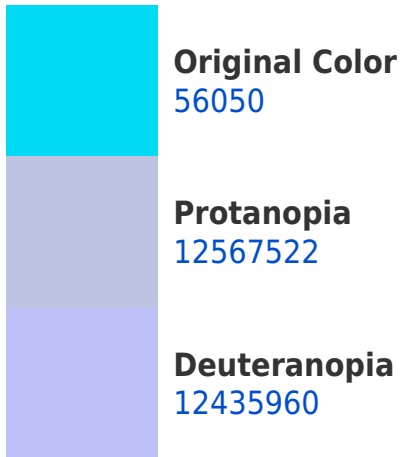


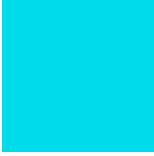
This preview shows how white text looks on a background with the Decimal color 56050.

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](#).

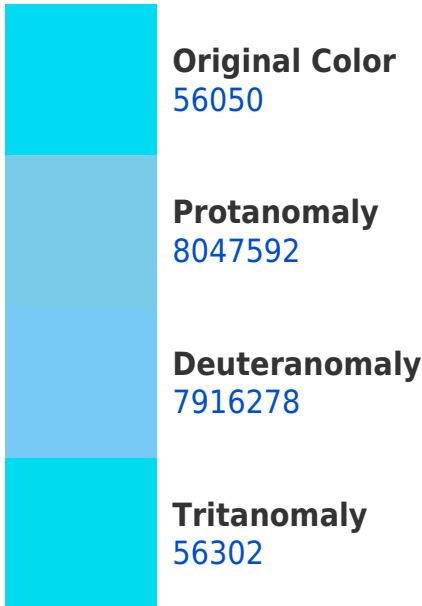
Dichromacy





Tritanopia
56300

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 56050 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 #00DAF2 looks like.

```
.text, #text, p{  
  color:#00DAF2  
}
```

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 #00DAF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DAF2
}
```

Border

The CSS property to change the border of an element to Decimal 56050 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
#00DAF2 }
```

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

```
.border{ border-color:#00DAF2 }
```

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

Here you see how a box with a 4 pixel #00DAF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DAF2; -webkit-box-shadow:4px 4px  
4px 4px #00DAF2; box-shadow:4px 4px 4px  
4px #00DAF2 }
```

Background

The CSS property to change the background color of an element to Decimal 56050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DAF2 }
```

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

```
.background{ background-color:#00DAF2 }
```

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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