

Converting Colors

Decimal(56283)

Have a look what the booklet for
Decimal(56283) contains.

Decimal(56283)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(56283)

Conversions

Conversions Part 1

Format	Color
Hex	00DBDB
RGB	0, 219, 219
RGB Percent	0%, 86%, 86%
CMY	1.0000, 0.1412, 0.1412
CMYK	1.00, 0.00, 0.00, 0.14
HSL	180°, 100%, 43%
HSV	180°, 100%, 86%
XYZ	38.1177, 55.7775, 75.7750
YIQ	153.5190, -130.5240, -46.4280

Conversions

Conversions Part 2

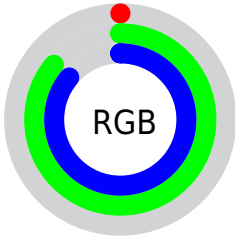
Format	Color
RYB	0, 110, 219
Decimal	56283
CIELab	79.49, -42.86, -12.60
CIELCh	79, 44.674, 196.386
Yxy	55.7775, 0.2247, 0.3287
Android (android.graphics.Color)	4278246363 (0xFF00DBDB)
YUV	153.5190, 32.2821, -134.6362
Hunter-Lab	74.6843, -39.5940, -7.8768

Details

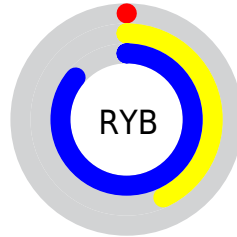
The Decimal color **56283** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **14352384**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **7340031**, and **41892** is the 20% darker color. If you saturate the color by 10%, you get **56283**, and if you desaturate by 10%, it is **1498075**.

Distribution



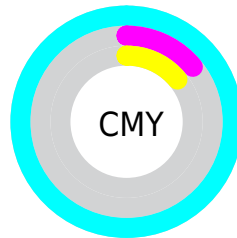
- Red (0%)
- Green (86%)
- Blue (86%)



- Red (0%)
- Yellow (43%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)

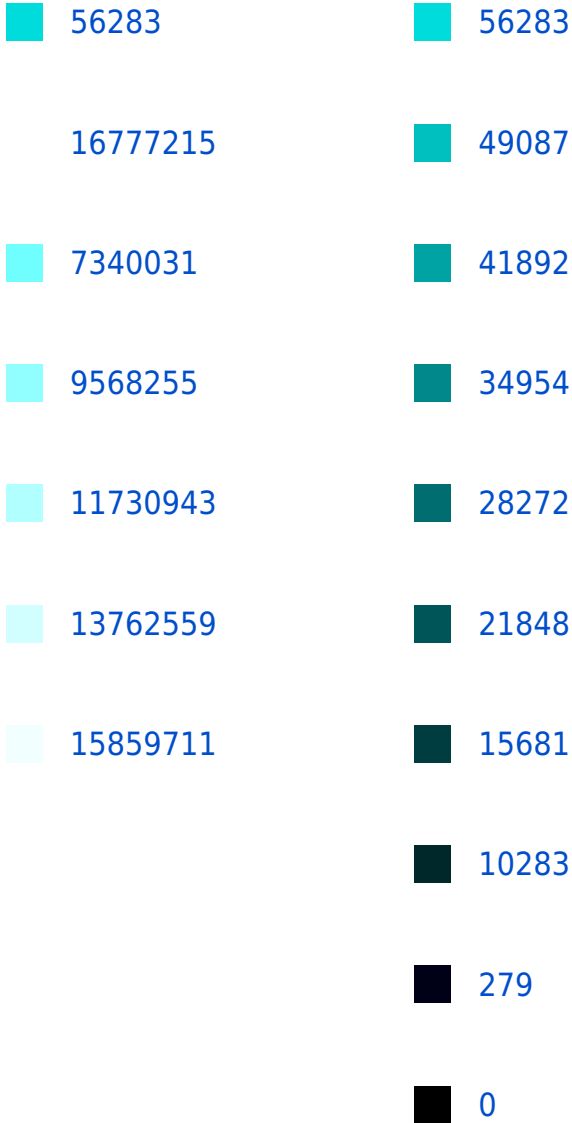


- Cyan (100%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 56283 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 56283 by changing the saturation by 10% instead.



■ 56283

■ 1498075

■ 2939867

■ 4381659

■ 5823451

■ 7265243

■ 8641499

■ 10083291

■ 11525083

■ 12966875

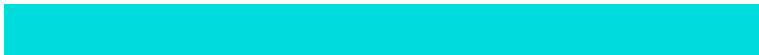
Harmonies

Analogous

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



6544048



56283



55295

Triad

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



56283



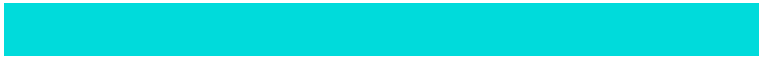
15119103



15776884

Complementary

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



56283



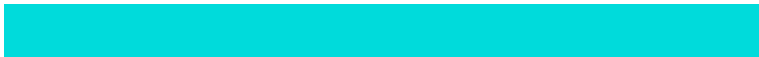
14352384

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.



16756362



56283



16754394

Square

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



56283



11387391



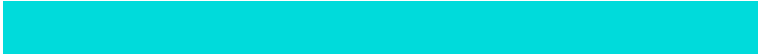
16754096



13224563

Rectangle

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



56283



4444927



16754096



16496505

Sweetspot

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



56283



11796479



56064



5406848



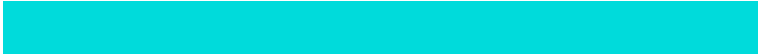
0



8421504

Same Dimension

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



56283



65535



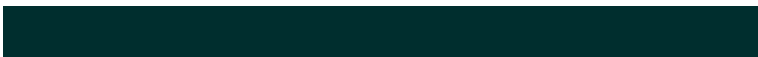
28379



6516334



44461



11822

Inverse Universe

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



14352603



16711935



14380544



7234414



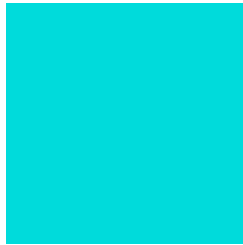
11337901



3014702

Previews

White Background



This preview shows how the Decimal color 56283 looks on a white background.

Color Contrast Check

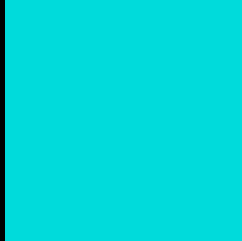
Large Text (above 18pt) WCAG AA × Fail

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 56283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

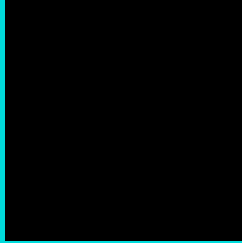
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

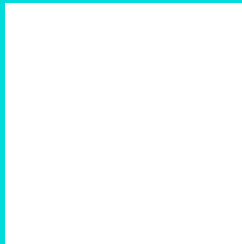
Any Text WCAG AAA ✓ Pass

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

Decimal 56283 Background



This preview shows how black text looks on a background with the Decimal color 56283.

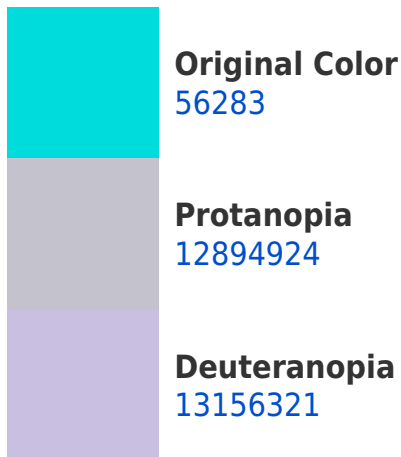


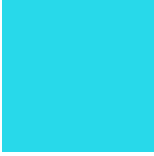
This preview shows how white text looks on a background with the Decimal color 56283.

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
2677226

Trichromacy



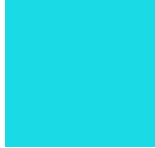
Original Color
56283



Protanomaly
8244177

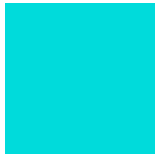


Deuteranomaly
8374751



Tritanomaly
1694437

Monochromacy



Original Color
56283



Achromatopsia
10132122



Achromatomaly
6468274

CSS Examples

Text

The CSS property to change the color of the text to Decimal 56283 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 #00DBDB looks like.

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

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 #00DBDB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 56283 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
#00DBDB }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 56283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor