

Converting Colors

Decimal(54251)

Have a look what the booklet for
Decimal(54251) contains.

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Color

Decimal(54251)

Conversions

Conversions Part 1

Format	Color
Hex	00D3EB
RGB	0, 211, 235
RGB Percent	0%, 83%, 92%
CMY	1.0000, 0.1725, 0.0784
CMYK	1.00, 0.10, 0.00, 0.08
HSL	186°, 100%, 46%
HSV	186°, 100%, 92%
XYZ	38.2897, 52.5867, 86.7294
YIQ	150.6470, -133.4600, -37.2680

Conversions

Conversions Part 2

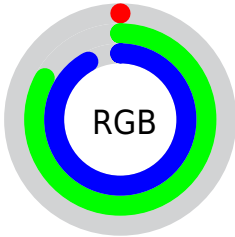
Format	Color
RYB	0, 111, 235
Decimal	54251
CIELab	77.63, -34.30, -23.96
CIELCh	78, 41.844, 214.938
Yxy	52.5867, 0.2156, 0.2961
Android (android.graphics.Color)	4278244331 (0xFF00D3EB)
YUV	150.6470, 41.5860, -132.1174
Hunter-Lab	72.5167, -32.6541, -20.1487

Details

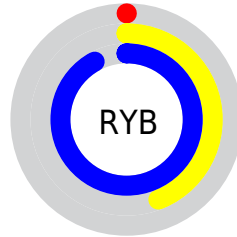
The Decimal color **54251** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **15407104**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **7405567**, and **40115** is the 20% darker color. If you saturate the color by 10%, you get **54251**, and if you desaturate by 10%, it is **1562091**.

Distribution



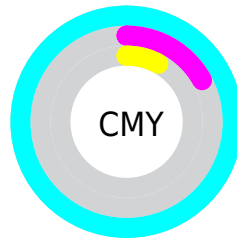
- Red (0%)
- Green (83%)
- Blue (92%)



- Red (0%)
- Yellow (44%)
- Blue (92%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)

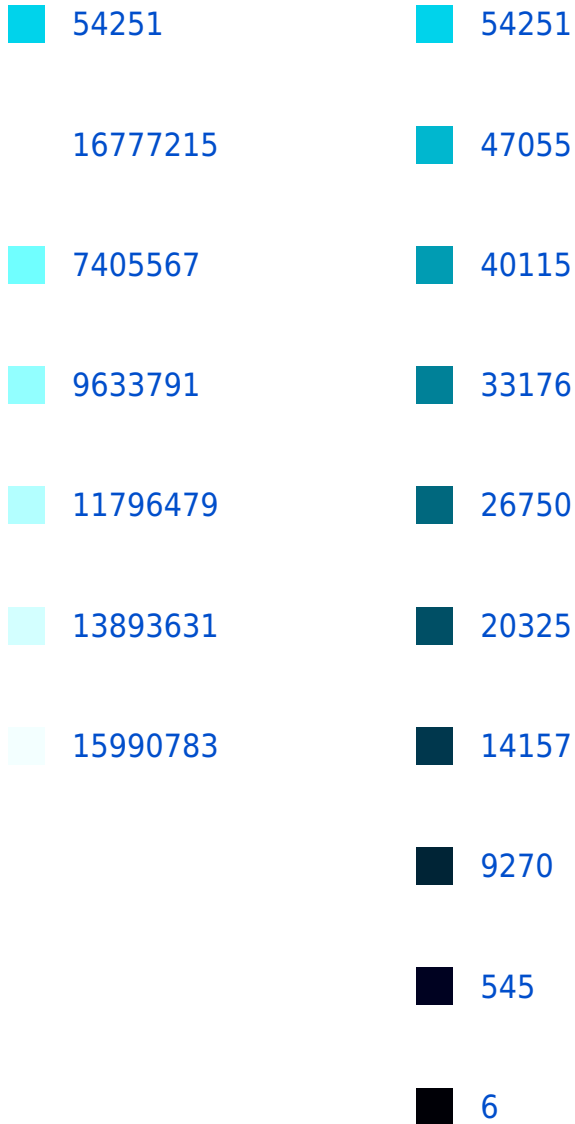


- Cyan (100%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 54251 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 54251 by changing the saturation by 10% instead.



■ 54251

■ 1562091

■ 3135723

■ 4709099

■ 6217195

■ 7790571

■ 9298411

■ 10806507

■ 12379883

■ 13887979

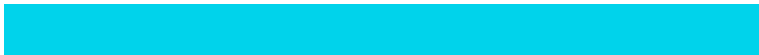
Harmonies

Analogous

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



4380101



54251



4967935

Triad

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



54251



16164833



13877362

Complementary

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



54251



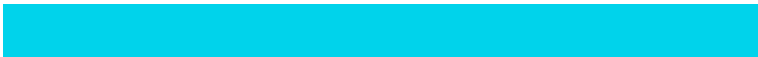
15407104

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.



16036474



54251



16753083

Square

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



54251



13480959



16754325



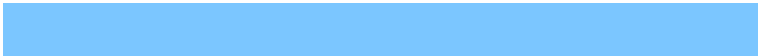
11193215

Rectangle

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



54251



8111871



16754325



14662514

Sweetspot

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



54251



11794431



60183



5405568



0



8421504

Same Dimension

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



54251



58879



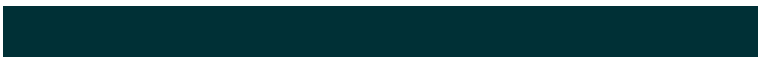
24299



6976629



41909



12342

Inverse Universe

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



15401171



16711909



15437056



7694964



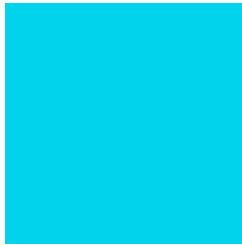
11862179



3538992

Previews

White Background



This preview shows how the Decimal color 54251 looks on a white background.

Color Contrast Check

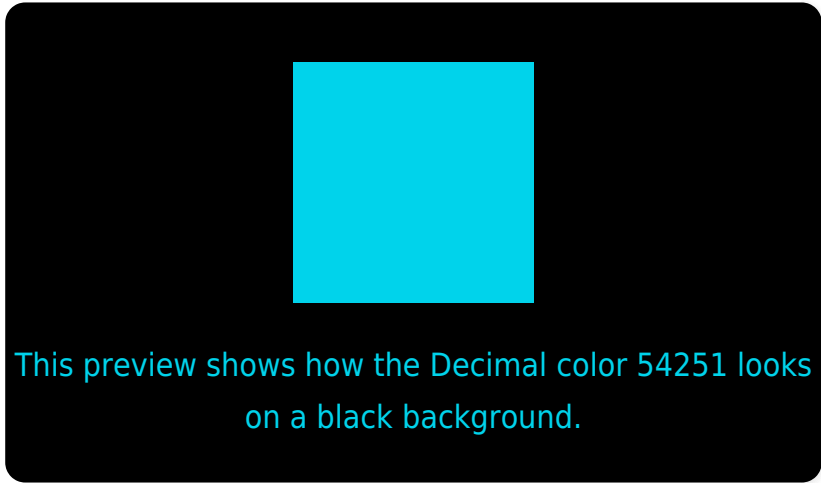
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

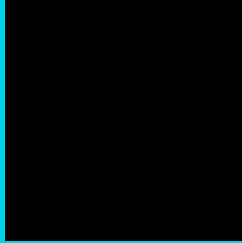
Any Text WCAG AA ✓ Pass

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 54251 Background



This preview shows how black text looks on a background with the Decimal color 54251.

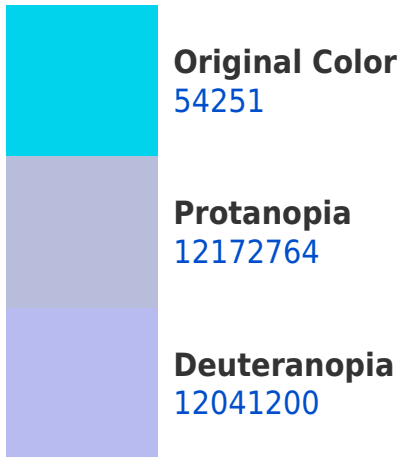


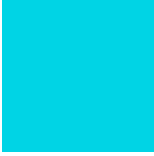
This preview shows how white text looks on a background with the Decimal color 54251.

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



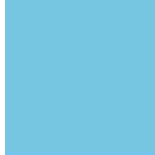


Tritanopia
54501

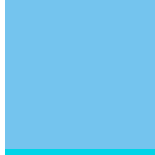
Trichromacy



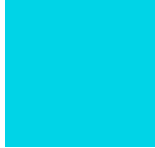
Original Color
54251



Protanomaly
7783905



Deuteranomaly
7652590



Tritanomaly
54503

Monochromacy



Original Color
54251



Achromatopsia
9934743



Achromatomaly
6335926

CSS Examples

Text

The CSS property to change the color of the text to Decimal 54251 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 #00D3EB looks like.

```
.text, #text, p{  
    color:#00D3EB  
}
```

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 #00D3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D3EB
}
```

Border

The CSS property to change the border of an element to Decimal 54251 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
#00D3EB }
```

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

```
.border{ border-color:#00D3EB }
```

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

Here you see how a box with a 4 pixel #00D3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D3EB; -webkit-box-shadow:4px 4px  
4px 4px #00D3EB; box-shadow:4px 4px 4px  
4px #00D3EB }
```

Background

The CSS property to change the background color of an element to Decimal 54251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D3EB }
```

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

```
.background{ background-color:#00D3EB }
```

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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