

Converting Colors

Decimal(52721)

Have a look what the booklet for
Decimal(52721) contains.

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Color

Decimal(52721)

Conversions

Conversions Part 1

Format	Color
Hex	00CDF1
RGB	0, 205, 241
RGB Percent	0%, 80%, 95%
CMY	1.0000, 0.1961, 0.0549
CMYK	1.00, 0.15, 0.00, 0.05
HSL	189°, 100%, 47%
HSV	189°, 100%, 95%
XYZ	37.7085, 50.0135, 90.8852
YIQ	147.8090, -133.7360, -32.2640

Conversions

Conversions Part 2

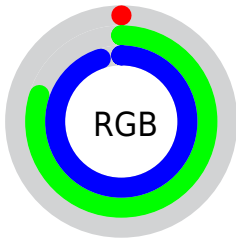
Format	Color
RYB	0, 111, 241
Decimal	52721
CIELab	76.08, -29.49, -29.56
CIELCh	76, 41.750, 225.066
Yxy	50.0135, 0.2111, 0.2800
Android (android.graphics.Color)	4278242801 (0xFF00CDF1)
YUV	147.8090, 45.9432, -129.6285
Hunter-Lab	70.7202, -28.5830, -26.6916

Details

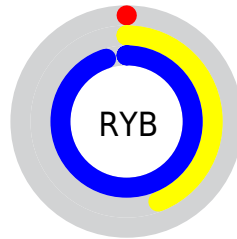
The Decimal color **52721** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **15803392**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **7405567**, and **38585** is the 20% darker color. If you saturate the color by 10%, you get **52721**, and if you desaturate by 10%, it is **1626609**.

Distribution



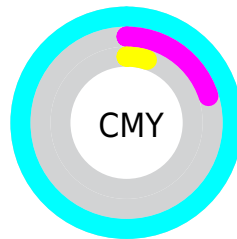
- Red (0%)
- Green (80%)
- Blue (95%)



- Red (0%)
- Yellow (44%)
- Blue (95%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)

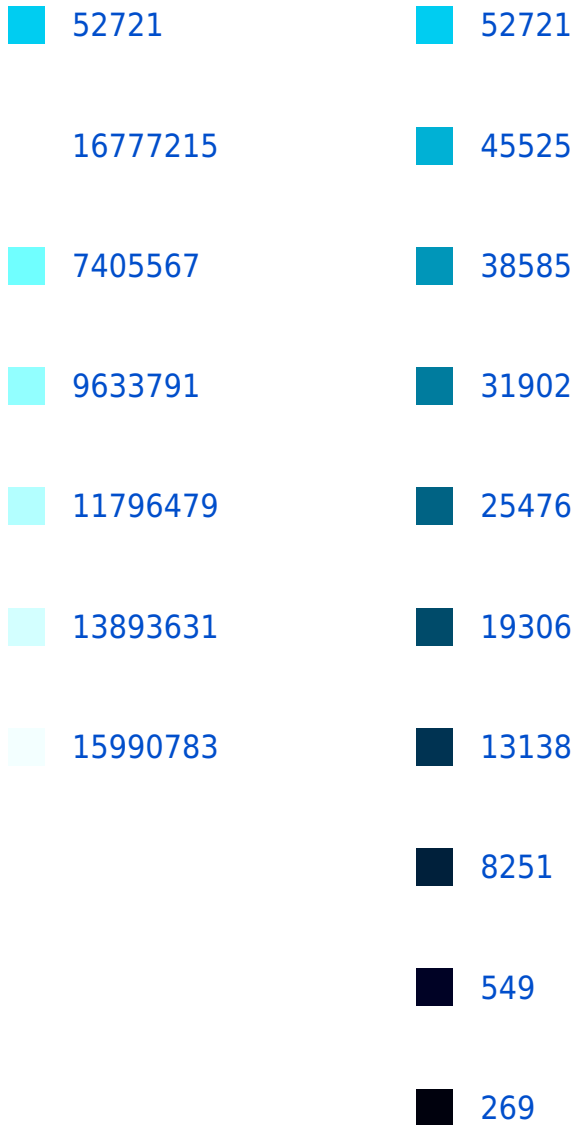


- Cyan (100%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 52721 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 52721 by changing the saturation by 10% instead.



■ 52721

■ 1626609

■ 3200241

■ 4774129

■ 6347761

■ 7921649

■ 9561073

■ 11134705

■ 12708593

■ 14282225

Harmonies

Analogous

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



2347214



52721



6276607

Triad

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



52721



16425168



12697456

Complementary

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



52721



15803392

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.



15119217



52721



16752297

Square

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



52721



14199538



16688775



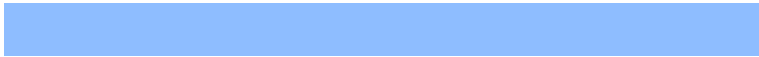
9881988

Rectangle

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



52721



9354751



16688775



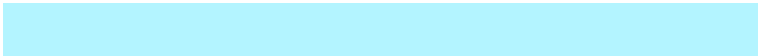
13548398

Sweetspot

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



52721



11793663



61728



5405056



0



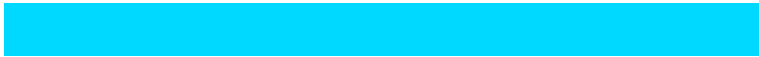
8421504

Same Dimension

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



52721



55807



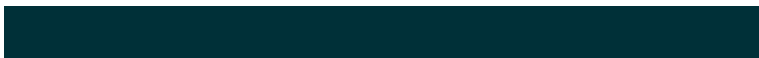
22769



7108216



40120



12344

Inverse Universe

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



15794381



16711897



15833344



7892086



12058780



3670064

Previews

White Background



This preview shows how the Decimal color 52721 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 52721 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 52721 Background



This preview shows how black text looks on a background with the Decimal color 52721.



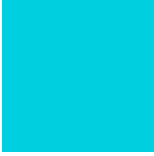
This preview shows how white text looks on a background with the Decimal color 52721.

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](#).

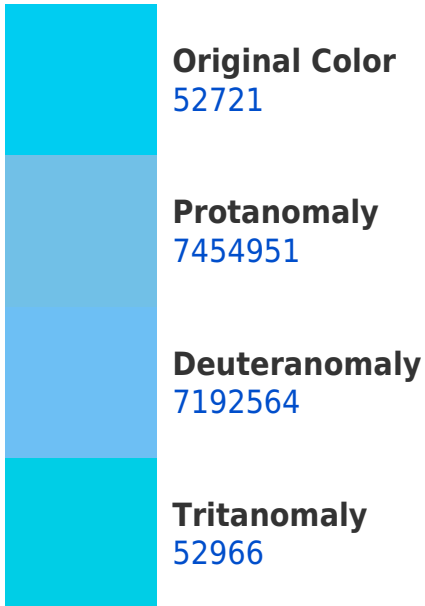
Dichromacy





Tritanopia
53215

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 52721 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 #00CDF1 looks like.

```
.text, #text, p{  
    color:#00CDF1  
}
```

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 #00CDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CDF1
}
```

Border

The CSS property to change the border of an element to Decimal 52721 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
#00CDF1 }
```

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

```
.border{ border-color:#00CDF1 }
```

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

Here you see how a box with a 4 pixel #00CDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CDF1; -webkit-box-shadow:4px 4px  
4px 4px #00CDF1; box-shadow:4px 4px 4px  
4px #00CDF1 }
```

Background

The CSS property to change the background color of an element to Decimal 52721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CDF1 }
```

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

```
.background{ background-color:#00CDF1 }
```

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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