

Converting Colors

Decimal(372935)

Have a look what the booklet for
Decimal(372935) contains.

Decimal(372935)	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(372935)

Conversions

Conversions Part 1

Format	Color
Hex	05B0C7
RGB	5, 176, 199
RGB Percent	2%, 69%, 78%
CMY	0.9804, 0.3098, 0.2196
CMYK	0.97, 0.12, 0.00, 0.22
HSL	187°, 95%, 40%
HSV	187°, 97%, 78%
XYZ	25.8967, 35.2065, 59.4635
YIQ	127.4930, -109.2990, -29.0990

Conversions

Conversions Part 2

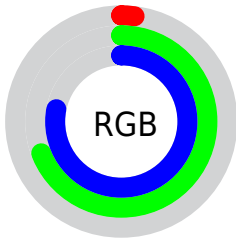
Format	Color
RYB	5, 96, 199
Decimal	372935
CIELab	65.91, -28.91, -22.26
CIELCh	66, 36.486, 217.588
Yxy	35.2065, 0.2148, 0.2920
Android (android.graphics.Color)	4278563015 (0xFF05B0C7)
YUV	127.4930, 35.2530, -107.4264
Hunter-Lab	59.3350, -25.9301, -17.8838

Details

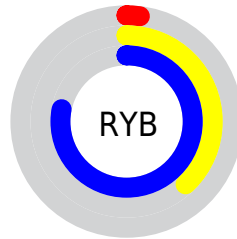
The Decimal color **372935** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **13048837**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **6744319**, and **31633** is the 20% darker color. If you saturate the color by 10%, you get **44999**, and if you desaturate by 10%, it is **1684167**.

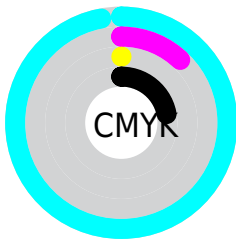
Distribution



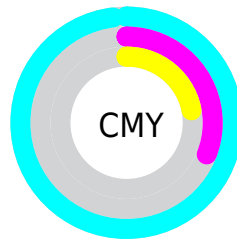
- Red (2%)
- Green (69%)
- Blue (78%)



- Red (2%)
- Yellow (38%)
- Blue (78%)



- Cyan (97%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 372935 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 372935 by changing the saturation by 10% instead.

 372935  372935

16777215  38316

 6744319  31633

 8912895  25207


 10944511  18783

 12976127  12871

 14942207  7984

 283

 0

 372935  372935

■ 44999

■ 1684167

■ 2995655

■ 4306887

■ 5618119

■ 6929607

■ 8175303

■ 9486791

■ 10798023

■ 12109255

Harmonies

Analogous

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



3322536



372935



4434652

Triad

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



372935



13667002



11444574

Complementary

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



372935



13048837

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.



13276772



372935



14648985

Square

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



372935



11507156



14453626



9087595

Rectangle

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



372935



7054561



14453626



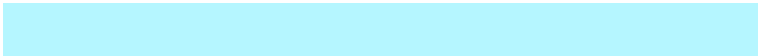
12098910

Sweetspot

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



372935



11925247



378652



5470848



0



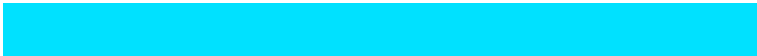
8421504

Same Dimension

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



372935



57855



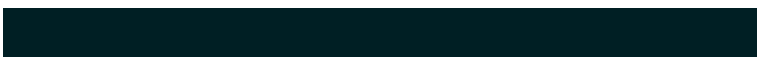
348103



5923427



37027



7972

Inverse Universe

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



13043120



16711905



13073669



6511202



10682512



2359327

Previews

White Background



This preview shows how the Decimal color 372935 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 372935 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 372935 Background



This preview shows how black text looks on a background with the Decimal color 372935.



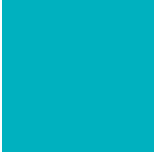
This preview shows how white text looks on a background with the Decimal color 372935.

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



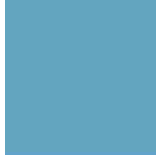


Tritanopia
45503

Trichromacy



Original Color
372935



Protanomaly
6530495



Deuteranomaly
6464458



Tritanomaly
176578

Monochromacy



Original Color
372935



Achromatopsia
8355711



Achromatomaly
5476761

CSS Examples

Text

The CSS property to change the color of the text to Decimal 372935 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 #05B0C7 looks like.

```
.text, #text, p{  
  color:#05B0C7  
}
```

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 #05B0C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05B0C7
}
```

Border

The CSS property to change the border of an element to Decimal 372935 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
#05B0C7 }
```

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

```
.border{ border-color:#05B0C7 }
```

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

Here you see how a box with a 4 pixel #05B0C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05B0C7; -webkit-box-shadow:4px 4px  
4px 4px #05B0C7; box-shadow:4px 4px 4px  
4px #05B0C7 }
```

Background

The CSS property to change the background color of an element to Decimal 372935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05B0C7 }
```

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

```
.background{ background-color:#05B0C7 }
```

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