

# Converting Colors

Decimal(1422773)

Have a look what the booklet for  
Decimal(1422773) contains.

<b>Decimal(1422773)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(1422773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15B5B5
RGB	21, 181, 181
RGB Percent	8%, 71%, 71%
CMY	0.9176, 0.2902, 0.2902
CMYK	0.88, 0.00, 0.00, 0.29
HSL	180°, 79%, 40%
HSV	180°, 88%, 71%
XYZ	25.1736, 36.5434, 49.4428
YIQ	133.1600, -95.3600, -33.9200

# Conversions

## Conversions Part 2

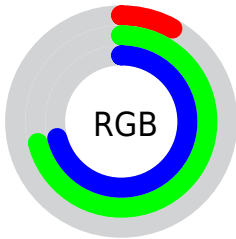
Format	Color
<a href="#">RYB</a>	<a href="#">21, 101, 181</a>
Decimal	<a href="#">1422773</a>
CIELab	<a href="#">66.93, -36.37, -10.74</a>
CIELCh	<a href="#">67, 37.923, 196.447</a>
Yxy	<a href="#">36.5434, 0.2265, 0.3287</a>
Android (android.graphics.Color)	<a href="#">4279612853</a> ( <a href="#">0xFF15B5B5</a> )
YUV	<a href="#">133.1600, 23.5851, -98.3643</a>
Hunter-Lab	<a href="#">60.4511, -31.4568, -6.1774</a>

# Details

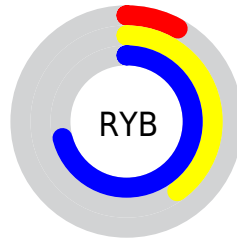
The Decimal color **1422773** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **11867413**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **6876653**, and **32640** is the 20% darker color. If you saturate the color by 10%, you get **243125**, and if you desaturate by 10%, it is **2602421**.

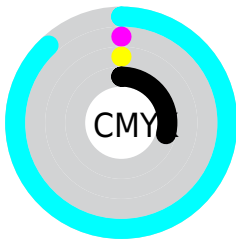
# Distribution



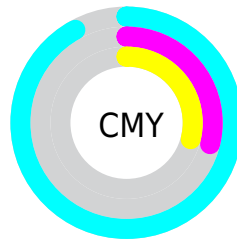
- Red (8%)
- Green (71%)
- Blue (71%)



- Red (8%)
- Yellow (40%)
- Blue (71%)



- Cyan (88%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (92%)
- Magenta (29%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1422773 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 1422773 by changing the saturation by 10% instead.



 1422773

 1422773

16777215

 39578

 6876653

 32640

 8978431

 26215

 10944511

 19791

 12976127

 13624

 14942207

 8483

 269

 0

 1422773

 1422773

■ 243125

■ 2602421

■ 46517

■ 3782069

■ 4961717

■ 6141365

■ 7386549

■ 8566197

■ 9745845

■ 10925493

■ 12105141

# Harmonies

## Analogous

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



5485714



1422773



45779

# Triad

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



1422773



12489682



13081440

# Complementary

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



1422773



11867413

# 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.



14520435



1422773



14387892

# Square

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



1422773



9412836



15042961



10921824

# Rectangle

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



1422773



3976929



15042961



13604709



# Sweetspot

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



1422773



11267051



1422613



5272949



16119285



7697781



# Same Dimension

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



1422773



60395



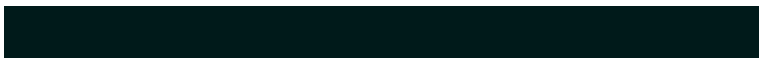
1402293



5265753



39321



6682



# Inverse Universe

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



11867573



15401195



11887893



5853273



10027161

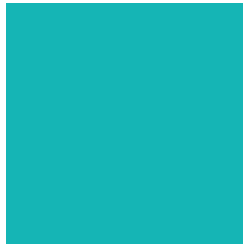


1703962



# Previews

## White Background



This preview shows how the Decimal color 1422773 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 1422773 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

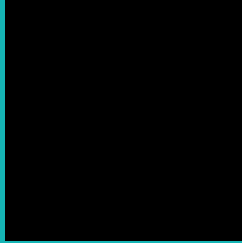
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

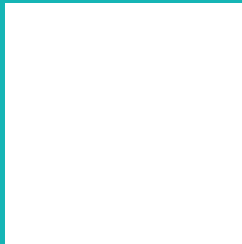
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 1422773 Background



This preview shows how black text looks on a background with the Decimal color 1422773.



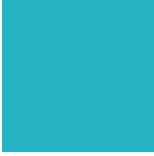
This preview shows how white text looks on a background with the Decimal color 1422773.

# 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**  
2536386

# Trichromacy



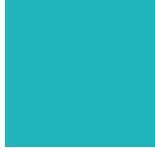
**Original Color**  
1422773



**Protanomaly**  
7317677



**Deuteranomaly**  
7448248



**Tritanomaly**  
2143421

# Monochromacy



**Original Color**  
1422773



**Achromatopsia**  
8750469



**Achromatomaly**  
6067862

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1422773 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 #15B5B5 looks like.

```
.text, #text, p{  
    color:#15B5B5  
}
```

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 #15B5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15B5B5
}
```

## Border

The CSS property to change the border of an element to Decimal 1422773 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
#15B5B5 }
```

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

```
.border{ border-color:#15B5B5 }
```

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

Here you see how a box with a 4 pixel #15B5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15B5B5; -webkit-box-shadow:4px 4px  
4px 4px #15B5B5; box-shadow:4px 4px 4px  
4px #15B5B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 1422773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15B5B5 }
```

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

```
.background{ background-color:#15B5B5 }
```

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