

# Converting Colors

Decimal(6215372)

Have a look what the booklet for  
Decimal(6215372) contains.

<b>Decimal(6215372)</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(6215372)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ED6CC
RGB	94, 214, 204
RGB Percent	37%, 84%, 80%
CMY	0.6314, 0.1608, 0.2000
CMYK	0.56, 0.00, 0.05, 0.16
HSL	175°, 59%, 60%
HSV	175°, 56%, 84%
XYZ	39.5617, 54.8325, 65.6253
YIQ	176.9800, -68.3100, -28.5500

# Conversions

## Conversions Part 2

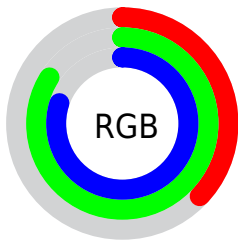
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 157, 214
Decimal	6215372
CIELab	78.94, -35.92, -5.24
CIElCh	79, 36.304, 188.303
Yxy	54.8325, 0.2472, 0.3427
Android (android.graphics.Color)	4284405452 (0xFF5ED6CC)
YUV	176.9800, 13.3209, -72.7735
Hunter-Lab	74.0489, -34.2194, -0.7111

# Details

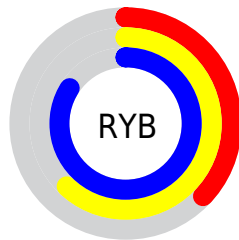
The Decimal color **6215372** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14048872**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **10158079**, and **827286** is the 20% darker color. If you saturate the color by 10%, you get **4839114**, and if you desaturate by 10%, it is **7591630**.

# Distribution



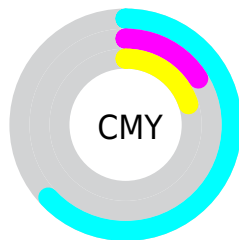
- Red (37%)
- Green (84%)
- Blue (80%)



- Red (37%)
- Yellow (62%)
- Blue (84%)



- Cyan (56%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6215372 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 6215372 by changing the saturation by 10% instead.



6215372

6215372

16777215

4045489

10158079

827286

12124159

33916

14090239

27235

16056319

21067

14901

9504

8

0

■ 6215372

■ 6215372

■ 4839114

■ 7591630

■ 3397320

■ 9033424

■ 2021063

■ 10409681

■ 579269

■ 11851475

■ 54980

■ 13227733

■ 14603991

■ 16045784

■ 16766682

■ 16766684

# Harmonies

## Analogous

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



8705193



6215372



5231852

# Triad

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



6215372



13940729



15776133

# Complementary

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



6215372



14048872

# 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.



16756635



6215372



16166365

# Square

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



6215372



10798335



16755387



13747328

# Rectangle

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



6215372



6410492



16755387



16233867



# Sweetspot

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



6215372



13959163



6870622



6717565



0



8421504



# Same Dimension

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



6215372



5570545



6202582



6318954



43933



11048



# Inverse Universe

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



14048872



16733282



14061662



7037025



11206670

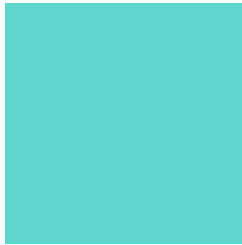


2818052



# Previews

## White Background



This preview shows how the Decimal color 6215372 looks on a white background.

## Color Contrast Check

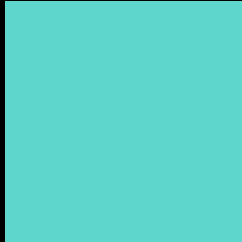
Large Text (above 18pt) WCAG AA × Fail

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 6215372 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

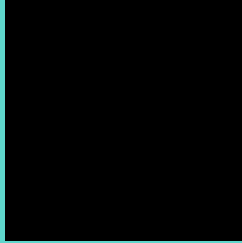
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

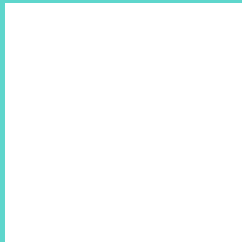
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6215372 Background



This preview shows how black text looks on a background with the Decimal color 6215372.



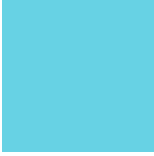
This preview shows how white text looks on a background with the Decimal color 6215372.

# 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**  
6804196

# Trichromacy



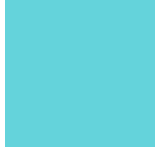
**Original Color**  
6215372



**Protanomaly**  
10537412



**Deuteranomaly**  
10864335

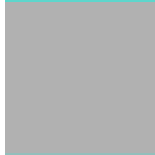


**Tritanomaly**  
6607835

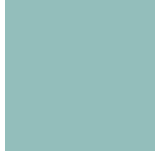
# Monochromacy



**Original Color**  
6215372



**Achromatopsia**  
11645361



**Achromatomaly**  
9682619

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6215372 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 #5ED6CC looks like.

```
.text, #text, p{  
  color:#5ED6CC  
}
```

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 #5ED6CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED6CC
}
```

## Border

The CSS property to change the border of an element to Decimal 6215372 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
#5ED6CC }
```

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

```
.border{ border-color:#5ED6CC }
```

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

Here you see how a box with a 4 pixel #5ED6CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED6CC; -webkit-box-shadow:4px 4px  
4px 4px #5ED6CC; box-shadow:4px 4px 4px  
4px #5ED6CC }
```

# Background

The CSS property to change the background color of an element to Decimal 6215372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED6CC }
```

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

```
.background{ background-color:#5ED6CC }
```

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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