

# Converting Colors

Decimal(5752512)

Have a look what the booklet for  
Decimal(5752512) contains.

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# **Color**

**Decimal(5752512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C6C0
RGB	87, 198, 192
RGB Percent	34%, 78%, 75%
CMY	0.6588, 0.2235, 0.2471
CMYK	0.56, 0.00, 0.03, 0.22
HSL	177°, 49%, 56%
HSV	177°, 56%, 78%
XYZ	33.6390, 46.2202, 57.0176
YIQ	164.1270, -64.2300, -25.3980

# Conversions

## Conversions Part 2

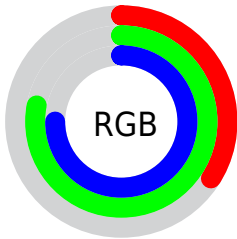
Format	Color
<b>RYB</b>	87, 144, 198
Decimal	5752512
CIELab	73.69, -32.91, -6.57
CIELCh	74, 33.561, 191.290
Yxy	46.2202, 0.2458, 0.3377
Android (android.graphics.Color)	4283942592 (0xFF57C6C0)
YUV	164.1270, 13.7414, -67.6404
Hunter-Lab	67.9854, -30.6532, -2.1352

# Details

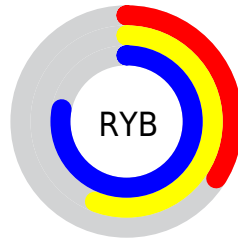
The Decimal color **5752512** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **12998493**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **9633784**, and **37003** is the 20% darker color. If you saturate the color by 10%, you get **4441791**, and if you desaturate by 10%, it is **7063233**.

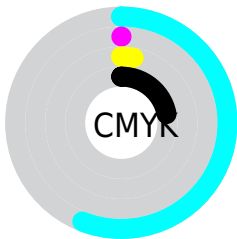
# Distribution



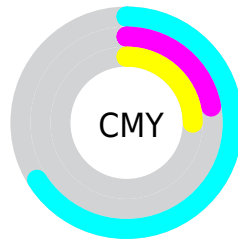
- Red (34%)
- Green (78%)
- Blue (75%)



- Red (34%)
- Yellow (56%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5752512 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 5752512 by changing the saturation by 10% instead.



■ 5752512

■ 5752512

16777215

■ 3582629

■ 9633784

■ 37003

■ 11599871

■ 30321

■ 13500415

■ 23641

■ 15466495

■ 17473

■ 11563

■ 5655

■ 0

■ 5752512

■ 5752512

■ 4441791

■ 7063233

■ 3131070

■ 8373954

■ 1885885

■ 9619139

■ 575164

■ 10929860

■ 50875

■ 12240581

■ 13551302

■ 14862023

■ 16107209

■ 16762570

# Harmonies

## Analogous

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



7914656



5752512



5227741

# Triad

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



5752512



13150691



14396795

# Complementary

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



5752512



12998493

# 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.



15639438



5752512



15048906

# Square

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



5752512



10335473



15900330



12564344

# Rectangle

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



5752512



6406378



15900330



14920064

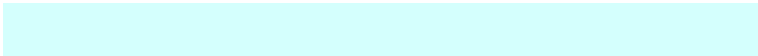


# Sweetspot

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



5752512



13959165



6211159



6717566



0



8421504



# Same Dimension

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



5752512



5570550



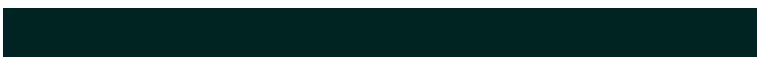
5740230



5923683



41882



9250



# Inverse Universe

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



12998493



16733277



13010775



6511194



10682377

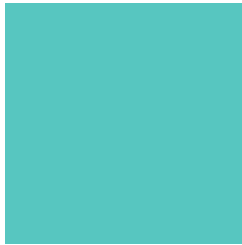


2359298



# Previews

## White Background



This preview shows how the Decimal color 5752512 looks on a white background.

## Color Contrast Check

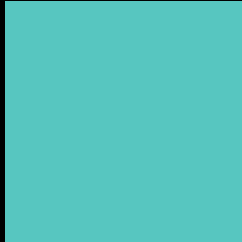
Large Text (above 18pt) WCAG AA × Fail

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 5752512 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

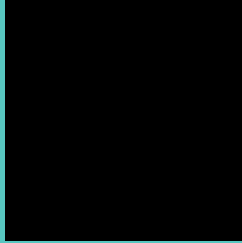
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

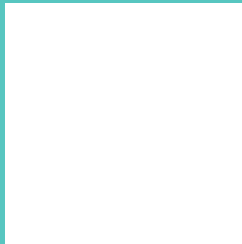
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5752512 Background



This preview shows how black text looks on a background with the Decimal color 5752512.



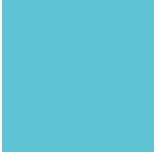
This preview shows how white text looks on a background with the Decimal color 5752512.

# 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**  
6210515

# Trichromacy



**Original Color**  
5752512



**Protanomaly**  
9747129



**Deuteranomaly**  
10008515

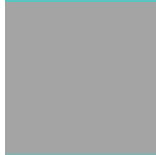


**Tritanomaly**  
6014156

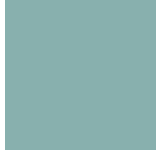
# Monochromacy



**Original Color**  
5752512



**Achromatopsia**  
10790052



**Achromatomaly**  
8958126

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5752512 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 #57C6C0 looks like.

```
.text, #text, p{  
    color:#57C6C0  
}
```

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 #57C6C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C6C0
}
```

## Border

The CSS property to change the border of an element to Decimal 5752512 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
#57C6C0 }
```

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

```
.border{ border-color:#57C6C0 }
```

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

Here you see how a box with a 4 pixel #57C6C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C6C0; -webkit-box-shadow:4px 4px  
4px 4px #57C6C0; box-shadow:4px 4px 4px  
4px #57C6C0 }
```

# Background

The CSS property to change the background color of an element to Decimal 5752512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C6C0 }
```

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

```
.background{ background-color:#57C6C0 }
```

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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