

# Converting Colors

Decimal(5752277)

Have a look what the booklet for  
Decimal(5752277) contains.

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# **Color**

**Decimal(5752277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C5D5
RGB	87, 197, 213
RGB Percent	34%, 77%, 84%
CMY	0.6588, 0.2275, 0.1647
CMYK	0.59, 0.08, 0.00, 0.16
HSL	188°, 60%, 59%
HSV	188°, 59%, 84%
XYZ	35.9070, 46.7628, 70.0844
YIQ	165.9340, -70.6960, -18.3440

# Conversions

## Conversions Part 2

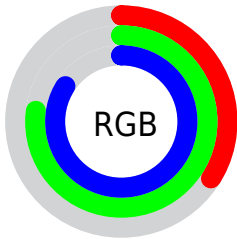
Format	Color
R <sub>Y</sub> B	87, 146, 213
Decimal	5752277
CIE Lab	74.04, -26.64, -17.45
CIE LCh	74, 31.846, 213.217
Yxy	46.7628, 0.2351, 0.3061
Android (android.graphics.Color)	4283942357 (0xFF57C5D5)
YUV	165.9340, 23.2035, -69.2251
Hunter-Lab	68.3834, -25.9435, -12.8965

# Details

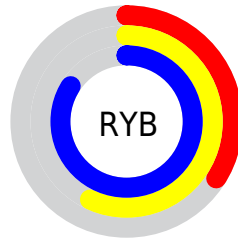
The Decimal color **5752277** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **13985623**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **9764607**, and **36766** is the 20% darker color. If you saturate the color by 10%, you get **4375253**, and if you desaturate by 10%, it is **7129301**.

# Distribution



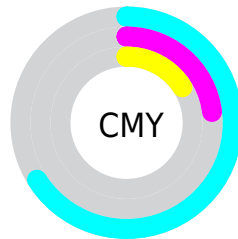
- Red (34%)
- Green (77%)
- Blue (84%)



- Red (34%)
- Yellow (57%)
- Blue (84%)



- Cyan (59%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (23%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5752277 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 5752277 by changing the saturation by 10% instead.



■ 5752277

■ 5752277

16777215

■ 3517113

■ 9764607

■ 36766

■ 11665407

■ 30084

■ 13631487

■ 23659

■ 15597567

■ 17491

■ 11580

■ 6182

■ 272

■ 0

■ 5752277

■ 5752277

■ 4375253

■ 7129301

■ 2932949

■ 8571605

■ 1555925

■ 9948629

■ 178901

■ 11325653

■ 47829

■ 12768213

■ 14144981

■ 15522005

■ 16767957

■ 16768469

# Harmonies

## Analogous

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



6735544



5752277



7061737

# Triad

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



5752277



14591185



13088123

# Complementary

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



5752277



13985623

# 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.



14723971



5752277



15704244

# Square

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



5752277



12496359



15704983



11058820

# Rectangle

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



5752277



8829936



15704983



13742716

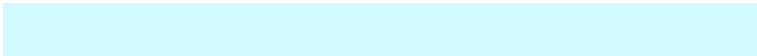


# Sweetspot

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



5752277



13761023



5756262



6519936



0



8421504

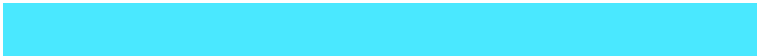


# Same Dimension

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



5752277



4909311



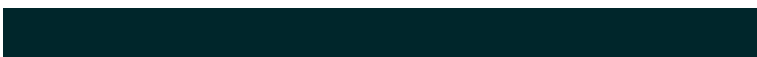
5736405



6318699



38315



9771



# Inverse Universe

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



13981637



16730856



14001495



7037034



11206805

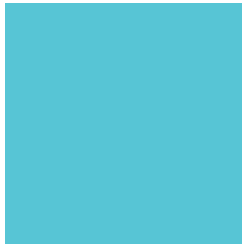


2818086



# Previews

## White Background



This preview shows how the Decimal color 5752277 looks on a white background.

## Color Contrast Check

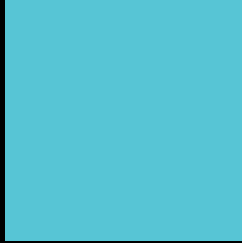
Large Text (above 18pt) WCAG AA × Fail

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 5752277 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 5752277 Background



This preview shows how black text looks on a background with the Decimal color 5752277.



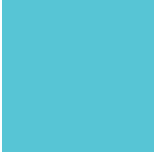
This preview shows how white text looks on a background with the Decimal color 5752277.

# 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](#).

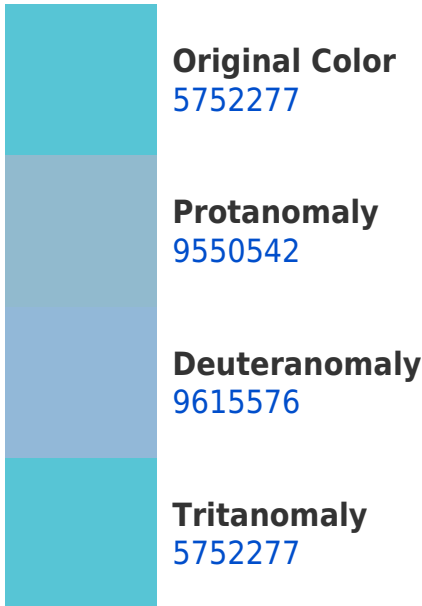
## Dichromacy





**Tritanopia**  
5752277

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5752277 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 #57C5D5 looks like.

```
.text, #text, p{  
    color:#57C5D5  
}
```

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 #57C5D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C5D5
}
```

## Border

The CSS property to change the border of an element to Decimal 5752277 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
#57C5D5 }
```

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

```
.border{ border-color:#57C5D5 }
```

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

Here you see how a box with a 4 pixel #57C5D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C5D5; -webkit-box-shadow:4px 4px  
4px 4px #57C5D5; box-shadow:4px 4px 4px  
4px #57C5D5 }
```

# Background

The CSS property to change the background color of an element to Decimal 5752277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C5D5 }
```

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

```
.background{ background-color:#57C5D5 }
```

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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