

Converting Colors

Decimal(6277593)

Have a look what the booklet for
Decimal(6277593) contains.

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Color

Decimal(6277593)

Conversions

Conversions Part 1

Format	Color
Hex	5FC9D9
RGB	95, 201, 217
RGB Percent	37%, 79%, 85%
CMY	0.6275, 0.2118, 0.1490
CMYK	0.56, 0.07, 0.00, 0.15
HSL	188°, 62%, 61%
HSV	188°, 56%, 85%
XYZ	38.1303, 49.2159, 73.1356
YIQ	171.1300, -68.3120, -17.4960

Conversions

Conversions Part 2

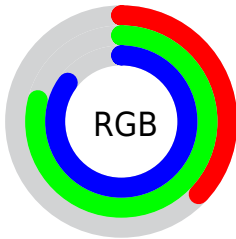
Format	Color
RYB	95, 152, 217
Decimal	6277593
CIELab	75.59, -26.00, -17.25
CIELCh	76, 31.202, 213.557
Yxy	49.2159, 0.2376, 0.3067
Android (android.graphics.Color)	4284467673 (0xFF5FC9D9)
YUV	171.1300, 22.6139, -66.7660
Hunter-Lab	70.1541, -25.7508, -12.7019

Details

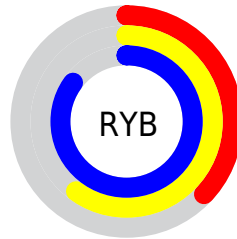
The Decimal color **6277593** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14249823**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **10223615**, and **1151906** is the 20% darker color. If you saturate the color by 10%, you get **4835033**, and if you desaturate by 10%, it is **7720153**.

Distribution



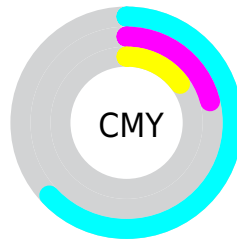
- Red (37%)
- Green (79%)
- Blue (85%)



- Red (37%)
- Yellow (60%)
- Blue (85%)



- Cyan (56%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (63%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6277593 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 6277593 by changing the saturation by 10% instead.

6277593

6277593

16777215

4173245

10223615

1151906

12124159

31112

14090239

24687

16056319

18262

12351

7465

276

0

■ 6277593

■ 6277593

■ 4835033

■ 7720153

■ 3458009

■ 9097177

■ 2015449

■ 10539737

■ 573145

■ 11982041

■ 48601

■ 13359065

■ 14801625

■ 16244185

■ 16769241

■ 16770009

Harmonies

Analogous

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



7129789



6277593



7521517

Triad

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



6277593



14854612



13351553

Complementary

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



6277593



14249823

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.



14987400



6277593



15902136

Square

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



6277593



12825322



15902876



11321994

Rectangle

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



6277593



9224179



15902876



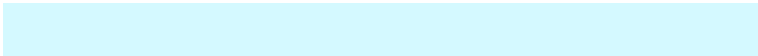
13940353

Sweetspot

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



6277593



13957631



6281581



6716544



0



8421504

Same Dimension

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



6277593



5564927



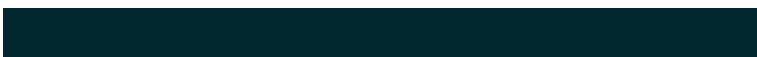
6262489



6515822



38829



10286

Inverse Universe

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



14245833



16733417



14264927



7234412



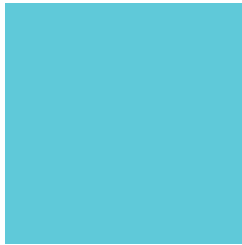
11337879



3014696

Previews

White Background



This preview shows how the Decimal color 6277593 looks on a white background.

Color Contrast Check

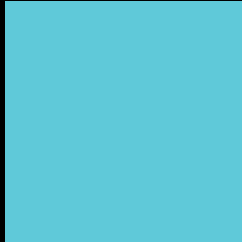
Large Text (above 18pt) WCAG AA × Fail

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 6277593 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 6277593 Background



This preview shows how black text looks on a background with the Decimal color 6277593.

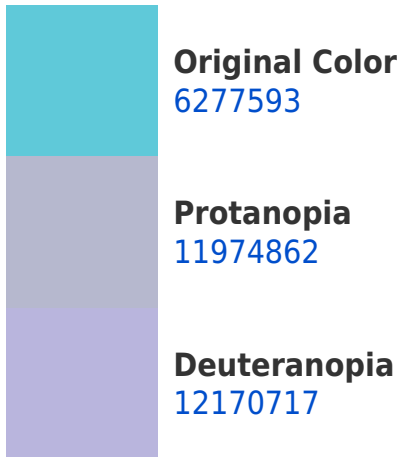


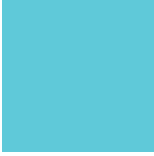
This preview shows how white text looks on a background with the Decimal color 6277593.

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](#).

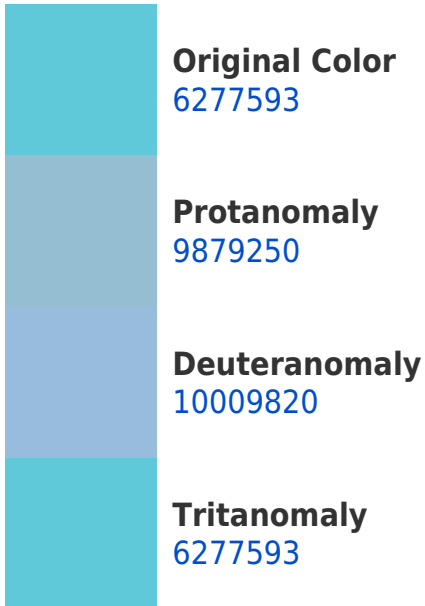
Dichromacy





Tritanopia
6277593

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6277593 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 #5FC9D9 looks like.

```
.text, #text, p{  
    color:#5FC9D9  
}
```

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 #5FC9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC9D9
}
```

Border

The CSS property to change the border of an element to Decimal 6277593 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
#5FC9D9 }
```

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

```
.border{ border-color:#5FC9D9 }
```

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

Here you see how a box with a 4 pixel #5FC9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC9D9; -webkit-box-shadow:4px 4px  
4px 4px #5FC9D9; box-shadow:4px 4px 4px  
4px #5FC9D9 }
```

Background

The CSS property to change the background color of an element to Decimal 6277593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC9D9 }
```

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

```
.background{ background-color:#5FC9D9 }
```

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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