

Converting Colors

Decimal(7001799)

Have a look what the booklet for
Decimal(7001799) contains.

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Color

Decimal(7001799)

Conversions

Conversions Part 1

Format	Color
Hex	6AD6C7
RGB	106, 214, 199
RGB Percent	42%, 84%, 78%
CMY	0.5843, 0.1608, 0.2196
CMYK	0.50, 0.00, 0.07, 0.16
HSL	172°, 57%, 63%
HSV	172°, 50%, 84%
XYZ	40.2992, 55.2808, 62.5791
YIQ	179.9980, -59.5530, -27.5610

Conversions

Conversions Part 2

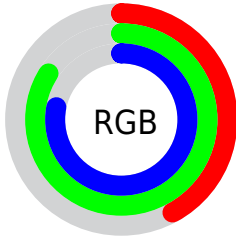
Format	Color
RYB	106, 164, 214
Decimal	7001799
CIELab	79.20, -34.73, -2.14
CIELCh	79, 34.796, 183.530
Yxy	55.2808, 0.2548, 0.3495
Android (android.graphics.Color)	4285191879 (0xFF6AD6C7)
YUV	179.9980, 9.3680, -64.8962
Hunter-Lab	74.3511, -33.3651, 2.1431

Details

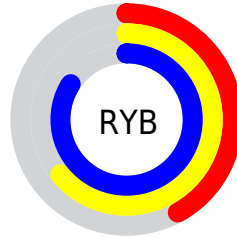
The Decimal color **7001799** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14051961**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **10813439**, and **2793361** is the 20% darker color. If you saturate the color by 10%, you get **5625540**, and if you desaturate by 10%, it is **8378058**.

Distribution



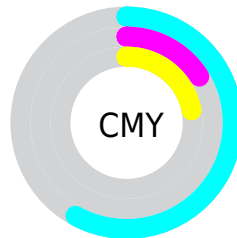
- Red (42%)
- Green (84%)
- Blue (78%)



- Red (42%)
- Yellow (64%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7001799 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 7001799 by changing the saturation by 10% instead.

7001799

7001799

16777215

5028524

10813439

2793361

12713983

33912

14680063

27231

16646143

21063

14897

9500

2

0

■ 7001799

■ 7001799

■ 5625540

■ 8378058

■ 4183745

■ 9819853

■ 2807486

■ 11196112

■ 1365691

■ 12637907

■ 54968

■ 14014166

■ 15390425

■ 16766684

■ 16766687

■ 16766690

Harmonies

Analogous

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



9360294



7001799



5821927

Triad

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



7001799



13548282



15972491

Complementary

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



7001799



14051961

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.



16756642



7001799



15839458

Square

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



7001799



10471167



16755905



14140291

Rectangle

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



7001799



6607607



16755905



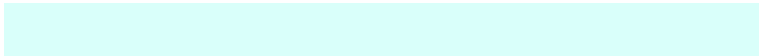
16430481

Sweetspot

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



7001799



14286842



8050282



6914172



0



8421504

Same Dimension

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



7001799



6553577



6992086



6318954



43923



11045

Inverse Universe

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



14051961



16737145



14061674



7037026



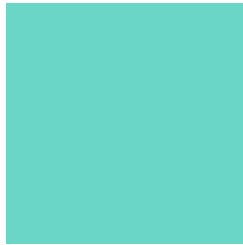
11206680



2818054

Previews

White Background



This preview shows how the Decimal color 7001799 looks on a white background.

Color Contrast Check

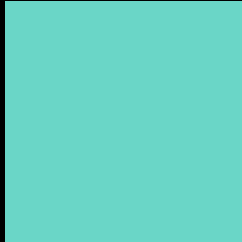
Large Text (above 18pt) WCAG AA × Fail

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 7001799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

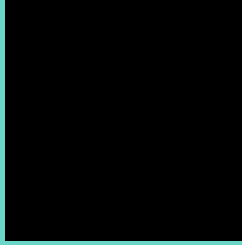
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

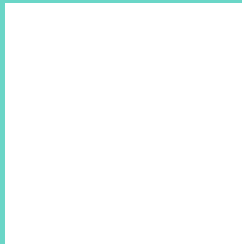
Any Text WCAG AAA ✓ Pass

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

Decimal 7001799 Background



This preview shows how black text looks on a background with the Decimal color 7001799.



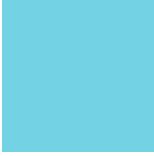
This preview shows how white text looks on a background with the Decimal color 7001799.

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





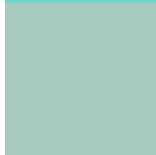
Tritanopia
7590627

Trichromacy



Original Color

7001799



Protanomaly

10930624



Deuteranomaly

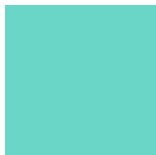
11323082



Tritanomaly

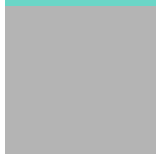
7394265

Monochromacy



Original Color

7001799



Achromatopsia

11842740



Achromatomaly

10076347

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7001799 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 #6AD6C7 looks like.

```
.text, #text, p{  
    color:#6AD6C7  
}
```

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 #6AD6C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD6C7
}
```

Border

The CSS property to change the border of an element to Decimal 7001799 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
#6AD6C7 }
```

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

```
.border{ border-color:#6AD6C7 }
```

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

Here you see how a box with a 4 pixel #6AD6C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD6C7; -webkit-box-shadow:4px 4px  
4px 4px #6AD6C7; box-shadow:4px 4px 4px  
4px #6AD6C7 }
```

Background

The CSS property to change the background color of an element to Decimal 7001799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD6C7 }
```

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

```
.background{ background-color:#6AD6C7 }
```

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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