

Converting Colors

Decimal(7129047)

Have a look what the booklet for
Decimal(7129047) contains.

Decimal(7129047)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7129047)

Conversions

Conversions Part 1

Format	Color
Hex	6CC7D7
RGB	108, 199, 215
RGB Percent	42%, 78%, 84%
CMY	0.5765, 0.2196, 0.1569
CMYK	0.50, 0.07, 0.00, 0.16
HSL	189°, 57%, 63%
HSV	189°, 50%, 84%
XYZ	38.8735, 48.9413, 71.6877
YIQ	173.6150, -59.3720, -14.3160

Conversions

Conversions Part 2

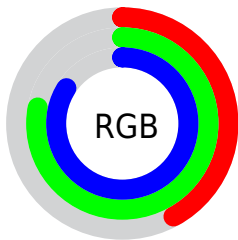
Format	Color
RYB	108, 157, 215
Decimal	7129047
CIELab	75.41, -22.89, -16.38
CIELCh	75, 28.143, 215.590
Yxy	48.9413, 0.2437, 0.3068
Android (android.graphics.Color)	4285319127 (0xFF6CC7D7)
YUV	173.6150, 20.4028, -57.5444
Hunter-Lab	69.9581, -23.2397, -11.7853

Details

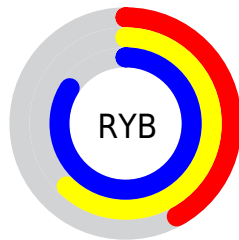
The Decimal color **7129047** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14122092**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **10944511**, and **3051936** is the 20% darker color. If you saturate the color by 10%, you get **5686487**, and if you desaturate by 10%, it is **8571607**.

Distribution



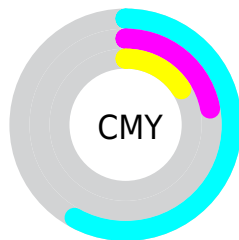
- Red (42%)
- Green (78%)
- Blue (84%)



- Red (42%)
- Yellow (62%)
- Blue (84%)



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



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 7129047 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 7129047 by changing the saturation by 10% instead.

7129047

7129047

16777215

5156027

10944511

3051936

12845055

30598

14745599

24173

16711679

18004

12093

7463

274

0

7129047

7129047

5686487

8571607

4309463

9948631

2932183

11391447

1489623

12768471

112599

14211031

47063

15588055

16768727

16769495

16770263

Harmonies

Analogous

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



7653566



7129047



8307432

Triad

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



7129047



14658256



13154950

Complementary

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



7129047



14122092

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.



14659979



7129047



15574966

Square

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



7129047



12890596



15510173



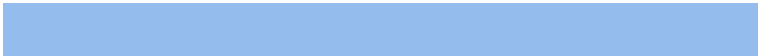
11256207

Rectangle

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



7129047



9747949



15510173



13678470

Sweetspot

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



7129047



14285311



7133050



6913152



0



8421504

Same Dimension

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



7129047



6744319



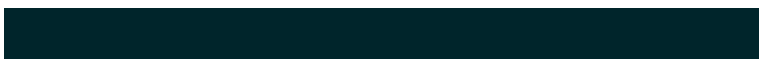
7115735



6318443



37291



9515

Inverse Universe

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



14118087



16738024



14135404



7037033



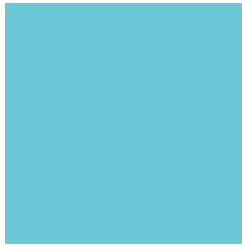
11206801



2818085

Previews

White Background



This preview shows how the Decimal color 7129047 looks on a white background.

Color Contrast Check

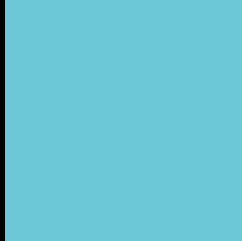
Large Text (above 18pt) WCAG AA × Fail

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 7129047 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 7129047 Background



This preview shows how black text looks on a background with the Decimal color 7129047.



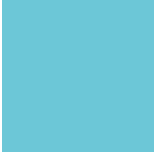
This preview shows how white text looks on a background with the Decimal color 7129047.

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](#).

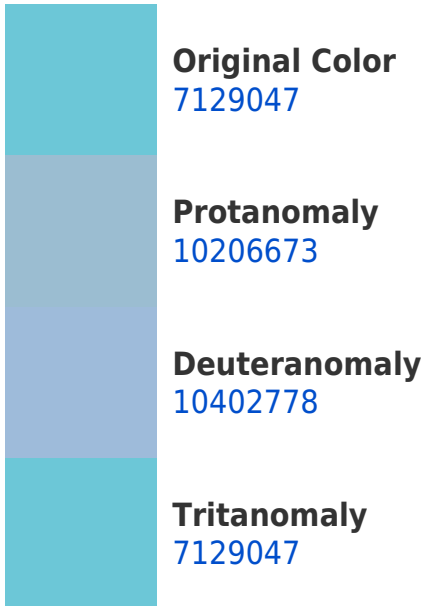
Dichromacy





Tritanopia
7129047

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7129047 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 #6CC7D7 looks like.

```
.text, #text, p{  
    color:#6CC7D7  
}
```

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 #6CC7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CC7D7
}
```

Border

The CSS property to change the border of an element to Decimal 7129047 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
#6CC7D7 }
```

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

```
.border{ border-color:#6CC7D7 }
```

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

Here you see how a box with a 4 pixel #6CC7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CC7D7; -webkit-box-shadow:4px 4px  
4px 4px #6CC7D7; box-shadow:4px 4px 4px  
4px #6CC7D7 }
```

Background

The CSS property to change the background color of an element to Decimal 7129047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CC7D7 }
```

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

```
.background{ background-color:#6CC7D7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor