

Converting Colors

Decimal(7061949)

Have a look what the booklet for
Decimal(7061949) contains.

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Color

Decimal(7061949)

Conversions

Conversions Part 1

Format	Color
Hex	6BC1BD
RGB	107, 193, 189
RGB Percent	42%, 76%, 74%
CMY	0.5804, 0.2431, 0.2588
CMYK	0.45, 0.00, 0.02, 0.24
HSL	177°, 41%, 59%
HSV	177°, 45%, 76%
XYZ	34.3187, 44.9399, 55.0096
YIQ	166.8300, -49.9720, -19.4760

Conversions

Conversions Part 2

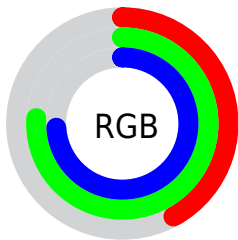
Format	Color
RYB	107, 151, 193
Decimal	7061949
CIELab	72.85, -26.94, -6.10
CIElCh	73, 27.624, 192.751
Yxy	44.9399, 0.2556, 0.3347
Android (android.graphics.Color)	4285252029 (0xFF6BC1BD)
YUV	166.8300, 10.9298, -52.4709
Hunter-Lab	67.0372, -25.9347, -1.7263

Details

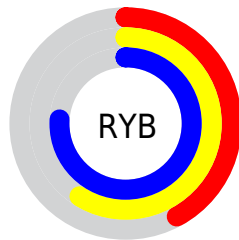
The Decimal color **7061949** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12675951**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **10746613**, and **3246984** is the 20% darker color. If you saturate the color by 10%, you get **5816764**, and if you desaturate by 10%, it is **8307134**.

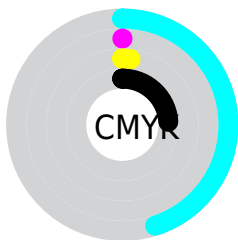
Distribution



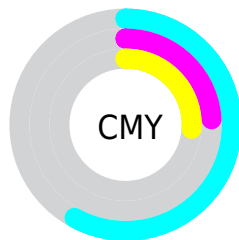
- Red (42%)
- Green (76%)
- Blue (74%)



- Red (42%)
- Yellow (59%)
- Blue (76%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7061949 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 7061949 by changing the saturation by 10% instead.

7061949

7061949

16777215

5220002

10746613

3246984

12648447

487790

14548991

22614

16515071

16703

10793

4629

0

7061949

7061949

■ 5816764

■ 8307134

■ 4506043

■ 9617855

■ 3260858

■ 10863040

■ 2015673

■ 12108225

■ 770489

■ 13353409

■ 49592

■ 14664130

■ 15909315

■ 16761284

■ 16761285

Harmonies

Analogous

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



8503459



7061949



6930388

Triad

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



7061949



12888536



13806723

Complementary

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



7061949



12675951

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.



14853266



7061949



14459586

Square

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



7061949



10727908



15114409



12236161

Rectangle

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



7061949



7781599



15114409



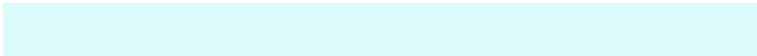
14264711

Sweetspot

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



7061949



14285560



7324011



6913404



16579836



8224125

Same Dimension

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



7061949



7731956



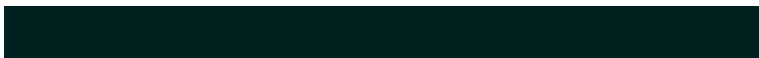
7051969



5726560



41369



8480

Inverse Universe

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



12675951



16414076



12685931



6379352



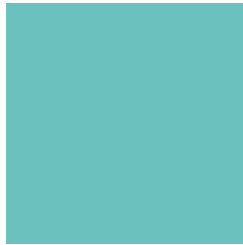
10551303



2162690

Previews

White Background



This preview shows how the Decimal color 7061949 looks on a white background.

Color Contrast Check

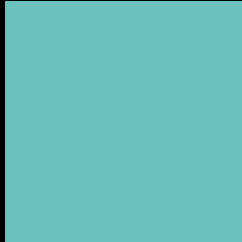
Large Text (above 18pt) WCAG AA × Fail

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 7061949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

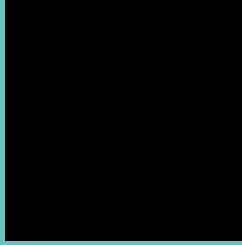
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

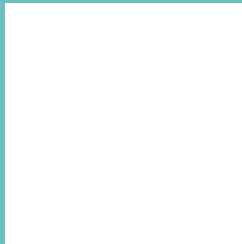
Any Text WCAG AAA ✓ Pass

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

Decimal 7061949 Background



This preview shows how black text looks on a background with the Decimal color 7061949.



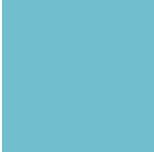
This preview shows how white text looks on a background with the Decimal color 7061949.

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
7388878

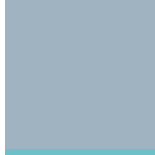
Trichromacy



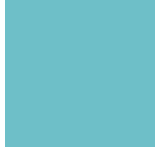
Original Color
7061949



Protanomaly
10074039



Deuteranomaly
10466496



Tritanomaly
7258056

Monochromacy



Original Color
7061949



Achromatopsia
10987431



Achromatomaly
9547951

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7061949 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 #6BC1BD looks like.

```
.text, #text, p{  
  color:#6BC1BD  
}
```

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 #6BC1BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC1BD
}
```

Border

The CSS property to change the border of an element to Decimal 7061949 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
#6BC1BD }
```

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

```
.border{ border-color:#6BC1BD }
```

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

Here you see how a box with a 4 pixel #6BC1BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC1BD; -webkit-box-shadow:4px 4px  
4px 4px #6BC1BD; box-shadow:4px 4px 4px  
4px #6BC1BD }
```

Background

The CSS property to change the background color of an element to Decimal 7061949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC1BD }
```

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

```
.background{ background-color:#6BC1BD }
```

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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