

Converting Colors

Decimal(7066848)

Have a look what the booklet for
Decimal(7066848) contains.

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Color

Decimal(7066848)

Conversions

Conversions Part 1

Format	Color
Hex	6BD4E0
RGB	107, 212, 224
RGB Percent	42%, 83%, 88%
CMY	0.5804, 0.1686, 0.1216
CMYK	0.52, 0.05, 0.00, 0.12
HSL	186°, 65%, 65%
HSV	186°, 52%, 88%
XYZ	43.0614, 55.5946, 78.9823
YIQ	181.9730, -66.4320, -18.5280

Conversions

Conversions Part 2

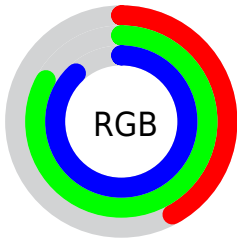
Format	Color
RYB	107, 162, 224
Decimal	7066848
CIELab	79.38, -27.11, -15.25
CIELCh	79, 31.106, 209.356
Yxy	55.5946, 0.2424, 0.3130
Android (android.graphics.Color)	4285256928 (0xFF6BD4E0)
YUV	181.9730, 20.7193, -65.7513
Hunter-Lab	74.5618, -27.3946, -10.6118

Details

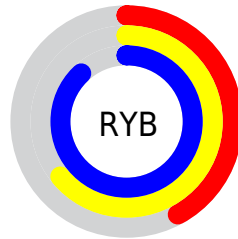
The Decimal color **7066848** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14710635**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **10944511**, and **2661801** is the 20% darker color. If you saturate the color by 10%, you get **5624544**, and if you desaturate by 10%, it is **8509152**.

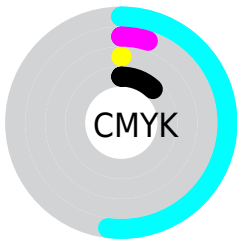
Distribution



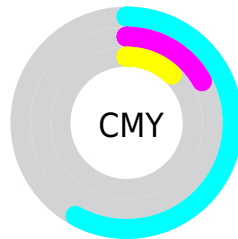
- Red (42%)
- Green (83%)
- Blue (88%)



- Red (42%)
- Yellow (64%)
- Blue (88%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (58%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7066848 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 7066848 by changing the saturation by 10% instead.

7066848

7066848

16777215

5028036

10944511

2661801

12910591

33678

14876671

26997

20828

14661

9262

282

0

■ 7066848

■ 7066848

■ 5624544

■ 8509152

■ 4116448

■ 10017248

■ 2674144

■ 11459552

■ 1166304

■ 12967392

■ 51680

■ 14409696

■ 15852256

■ 16770272

■ 16770784

■ 16771552

Harmonies

Analogous

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



8115651



7066848



7983094

Triad

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



7066848



15316195



14336907

Complementary

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



7066848



14710635

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.



15907220



7066848



16560070

Square

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



7066848



13155831



16691626



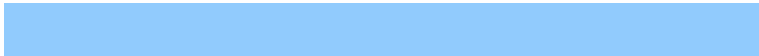
12307346

Rectangle

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



7066848



9554941



16691626



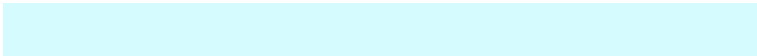
14925708

Sweetspot

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



7066848



14089215



7069815



6782336



0



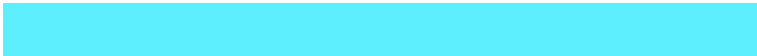
8421504

Same Dimension

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



7066848



6221823



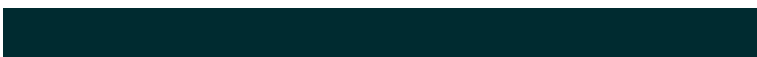
7052000



6647664



40624



11056

Inverse Universe

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



14707668



16735983



14725483



7365999



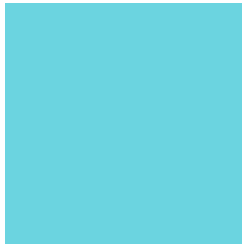
11534494



3145771

Previews

White Background



This preview shows how the Decimal color 7066848 looks on a white background.

Color Contrast Check

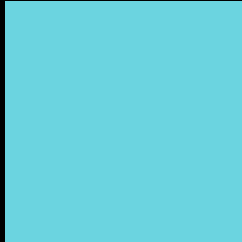
Large Text (above 18pt) WCAG AA × Fail

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 7066848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

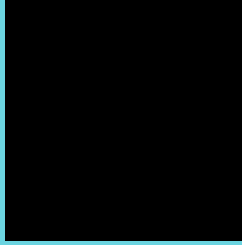
Any Text WCAG AA ✓ Pass

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 7066848 Background



This preview shows how black text looks on a background with the Decimal color 7066848.



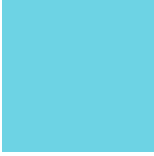
This preview shows how white text looks on a background with the Decimal color 7066848.

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
7197668

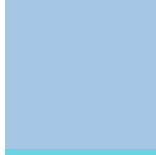
Trichromacy



Original Color
7066848



Protanomaly
10668505



Deuteranomaly
10864611

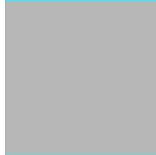


Tritanomaly
7132131

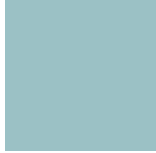
Monochromacy



Original Color
7066848



Achromatopsia
11974326



Achromatomaly
10207685

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7066848 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 #6BD4E0 looks like.

```
.text, #text, p{  
    color:#6BD4E0  
}
```

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 #6BD4E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD4E0
}
```

Border

The CSS property to change the border of an element to Decimal 7066848 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
#6BD4E0 }
```

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

```
.border{ border-color:#6BD4E0 }
```

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

Here you see how a box with a 4 pixel #6BD4E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD4E0; -webkit-box-shadow:4px 4px  
4px 4px #6BD4E0; box-shadow:4px 4px 4px  
4px #6BD4E0 }
```

Background

The CSS property to change the background color of an element to Decimal 7066848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD4E0 }
```

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

```
.background{ background-color:#6BD4E0 }
```

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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