

Converting Colors

Decimal(7064788)

Have a look what the booklet for
Decimal(7064788) contains.

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Color

Decimal(7064788)

Conversions

Conversions Part 1

Format	Color
Hex	6BCCD4
RGB	107, 204, 212
RGB Percent	42%, 80%, 83%
CMY	0.5804, 0.2000, 0.1686
CMYK	0.50, 0.04, 0.00, 0.17
HSL	185°, 55%, 63%
HSV	185°, 50%, 83%
XYZ	39.5399, 51.0650, 70.0599
YIQ	175.9090, -60.3800, -18.0760

Conversions

Conversions Part 2

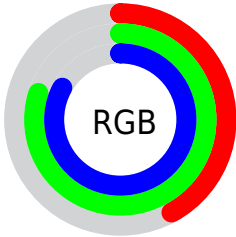
Format	Color
RYB	107, 157, 212
Decimal	7064788
CIELab	76.72, -26.40, -12.80
CIElCh	77, 29.337, 205.877
Yxy	51.0650, 0.2461, 0.3178
Android (android.graphics.Color)	4285254868 (0xFF6BCCD4)
YUV	175.9090, 17.7929, -60.4332
Hunter-Lab	71.4598, -26.2875, -8.1067

Details

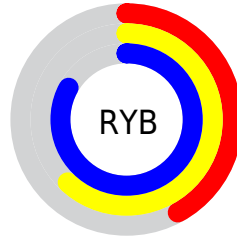
The Decimal color **7064788** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13923179**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **10878975**, and **2922141** is the 20% darker color. If you saturate the color by 10%, you get **5688020**, and if you desaturate by 10%, it is **8441556**.

Distribution



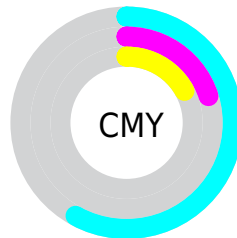
- Red (42%)
- Green (80%)
- Blue (83%)



- Red (42%)
- Yellow (62%)
- Blue (83%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)

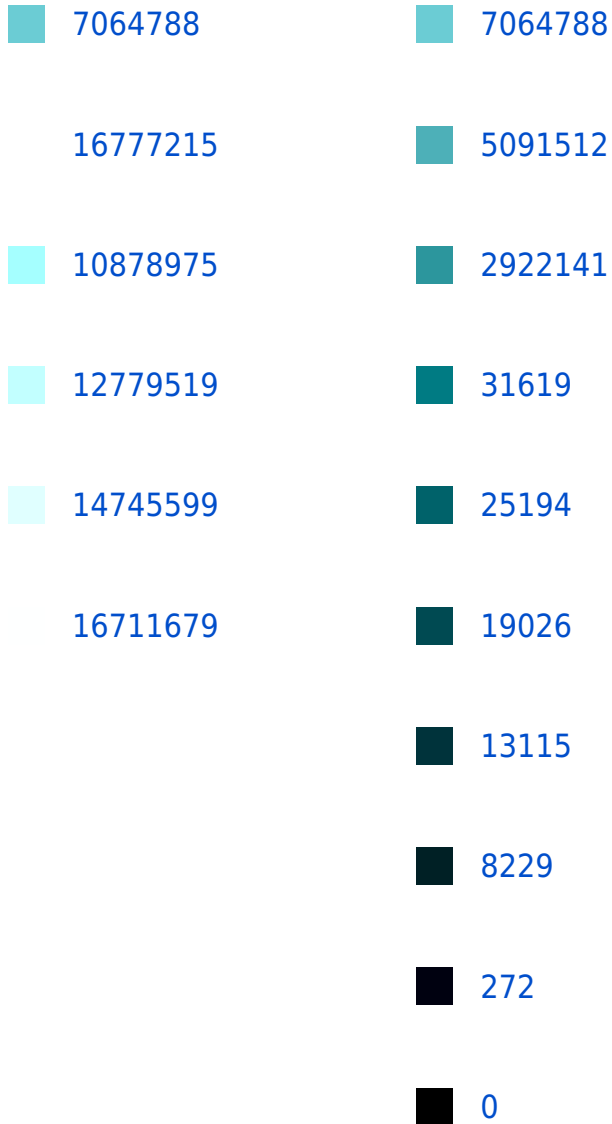


- Cyan (58%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7064788 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 7064788 by changing the saturation by 10% instead.



7064788

7064788

5688020

8441556

4311508

9818068

2869204

11260372

1492692

12636884

115924

14013652

50388

15390420

16766932

16767444

16767956

Harmonies

Analogous

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



8178872



7064788



7719145

Triad

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



7064788



14528476



13941383

Complementary

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



7064788



13923179

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.



15380881



7064788



15772354

Square

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



7064788



12368110



16034727



12108684

Rectangle

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



7064788



9028849



16034727



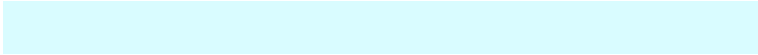
14530441

Sweetspot

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



7064788



14286079



7066738



6913664



0



8421504

Same Dimension

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



7064788



6943999



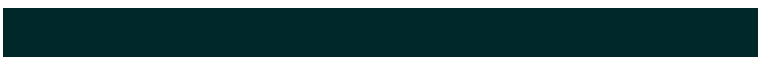
7051732



6318699



40619



10283

Inverse Universe

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



13921228



16738804



13936491



7037034



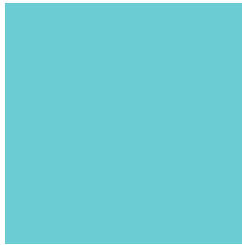
11206814



2818088

Previews

White Background



This preview shows how the Decimal color 7064788 looks on a white background.

Color Contrast Check

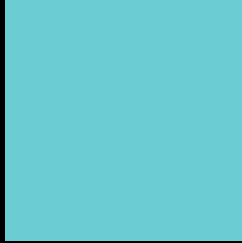
Large Text (above 18pt) WCAG AA × Fail

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 7064788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

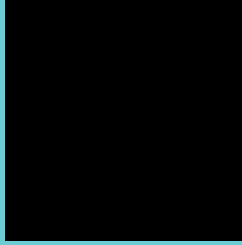
Any Text WCAG AA ✓ Pass

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 7064788 Background



This preview shows how black text looks on a background with the Decimal color 7064788.

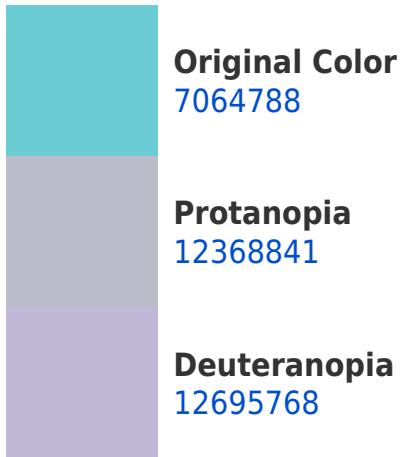


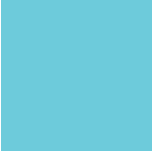
This preview shows how white text looks on a background with the Decimal color 7064788.

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
7195611

Trichromacy



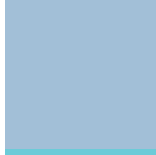
Original Color

7064788



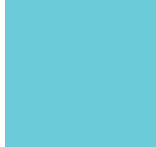
Protanomaly

10469837



Deuteranomaly

10665943



Tritanomaly

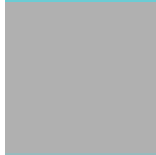
7130072

Monochromacy



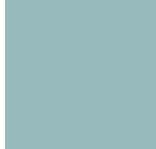
Original Color

7064788



Achromatopsia

11579568



Achromatomaly

9943741

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7064788 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 #6BCCD4 looks like.

```
.text, #text, p{  
    color:#6BCCD4  
}
```

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 #6BCCD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BCCD4
}
```

Border

The CSS property to change the border of an element to Decimal 7064788 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
#6BCCD4 }
```

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

```
.border{ border-color:#6BCCD4 }
```

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

Here you see how a box with a 4 pixel #6BCCD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BCCD4; -webkit-box-shadow:4px 4px  
4px 4px #6BCCD4; box-shadow:4px 4px 4px  
4px #6BCCD4 }
```

Background

The CSS property to change the background color of an element to Decimal 7064788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BCCD4 }
```

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

```
.background{ background-color:#6BCCD4 }
```

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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