

Converting Colors

Decimal(4704472)

Have a look what the booklet for
Decimal(4704472) contains.

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Color

Decimal(4704472)

Conversions

Conversions Part 1

Format	Color
Hex	47C8D8
RGB	71, 200, 216
RGB Percent	28%, 78%, 85%
CMY	0.7216, 0.2157, 0.1529
CMYK	0.67, 0.07, 0.00, 0.15
HSL	187°, 65%, 56%
HSV	187°, 67%, 85%
XYZ	35.6475, 47.6060, 72.2758
YIQ	163.2530, -82.0200, -22.3720

Conversions

Conversions Part 2

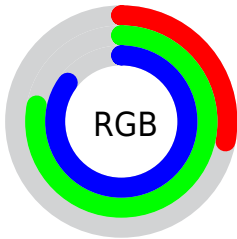
Format	Color
RYB	71, 139, 216
Decimal	4704472
CIELab	74.58, -29.83, -18.30
CIELCh	75, 34.999, 211.524
Yxy	47.6060, 0.2292, 0.3061
Android (android.graphics.Color)	4282894552 (0xFF47C8D8)
YUV	163.2530, 26.0043, -80.9059
Hunter-Lab	68.9971, -28.5226, -13.8094

Details

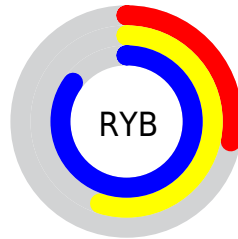
The Decimal color **4704472** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14178119**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **8978431**, and **37537** is the 20% darker color. If you saturate the color by 10%, you get **3262168**, and if you desaturate by 10%, it is **6146776**.

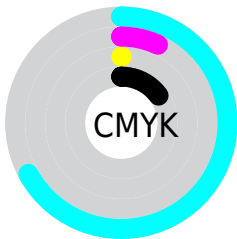
Distribution



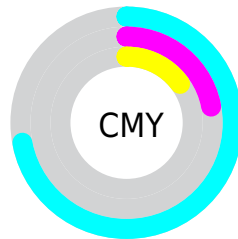
- Red (28%)
- Green (78%)
- Blue (85%)



- Red (28%)
- Yellow (55%)
- Blue (85%)



- Cyan (67%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)

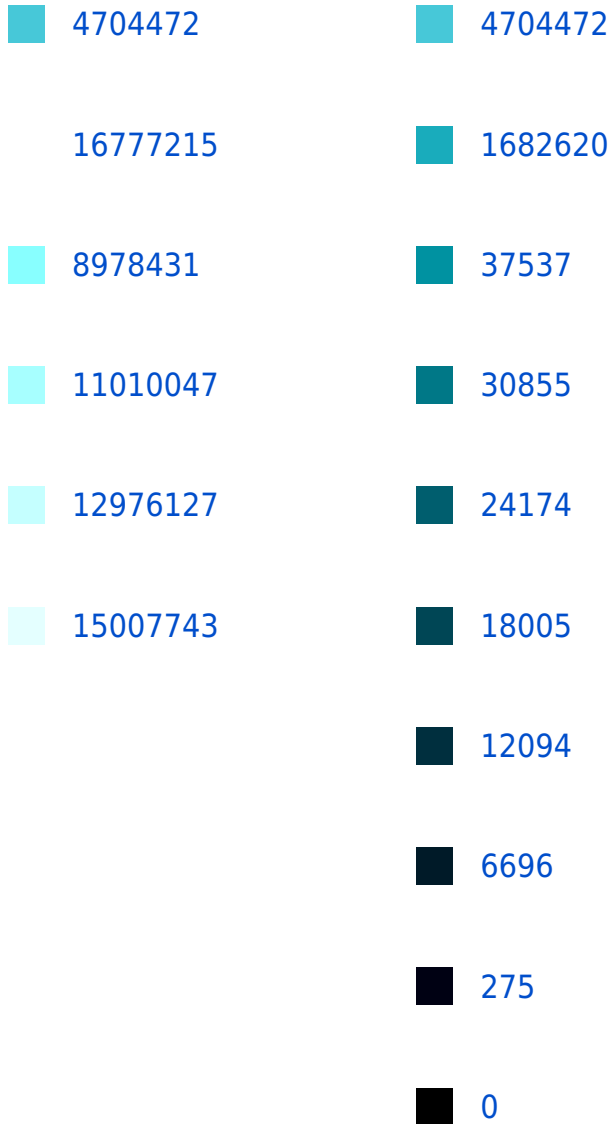


- Cyan (72%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4704472 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 4704472 by changing the saturation by 10% instead.



■ 4704472

■ 4704472

■ 3262168

■ 6146776

■ 1885144

■ 7523800

■ 442840

■ 8966104

■ 49368

■ 10343128

■ 11785432

■ 13227736

■ 14604760

■ 16047064

■ 16768472

Harmonies

Analogous

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



6212024



4704472



6210543

Triad

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



4704472



14853335



13416055

Complementary

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



4704472



14178119

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.



15182720



4704472



16097207

Square

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



4704472



12496878



16163479



11190400

Rectangle

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



4704472



8240631



16163479



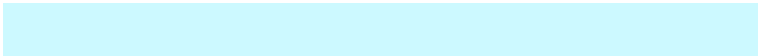
14070392

Sweetspot

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



4704472



13433343



4708437



6388864



0



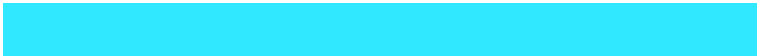
8421504

Same Dimension

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



4704472



3205375



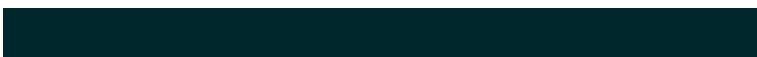
4686296



6318699



39083



10027

Inverse Universe

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



14174152



16724200



14196295



7037034



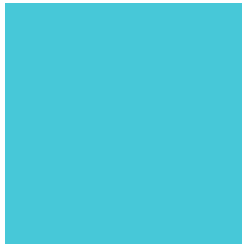
11206808



2818087

Previews

White Background



This preview shows how the Decimal color 4704472 looks on a white background.

Color Contrast Check

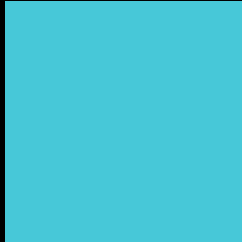
Large Text (above 18pt) WCAG AA × Fail

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 4704472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

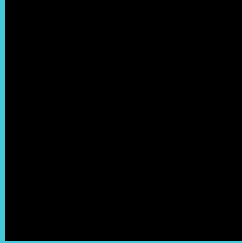
Any Text WCAG AA ✓ Pass

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 4704472 Background



This preview shows how black text looks on a background with the Decimal color 4704472.



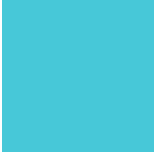
This preview shows how white text looks on a background with the Decimal color 4704472.

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



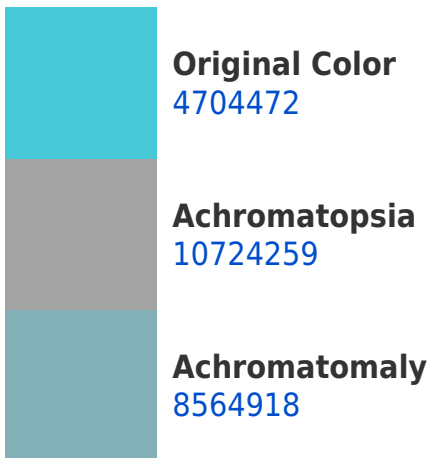


Tritanopia
4704472

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4704472 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 #47C8D8 looks like.

```
.text, #text, p{  
    color:#47C8D8  
}
```

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 #47C8D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47C8D8  
}
```

Border

The CSS property to change the border of an element to Decimal 4704472 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  
#47C8D8 }
```

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

```
.border{ border-color:#47C8D8 }
```

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

Here you see how a box with a 4 pixel #47C8D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47C8D8; -webkit-box-shadow:4px 4px  
4px 4px #47C8D8; box-shadow:4px 4px 4px  
4px #47C8D8 }
```

Background

The CSS property to change the background color of an element to Decimal 4704472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47C8D8 }
```

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

```
.background{ background-color:#47C8D8 }
```

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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