

Converting Colors

Decimal(4770265)

Have a look what the booklet for
Decimal(4770265) contains.

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Color

Decimal(4770265)

Conversions

Conversions Part 1

Format	Color
Hex	48C9D9
RGB	72, 201, 217
RGB Percent	28%, 79%, 85%
CMY	0.7176, 0.2118, 0.1490
CMYK	0.67, 0.07, 0.00, 0.15
HSL	187°, 66%, 57%
HSV	187°, 67%, 85%
XYZ	36.0835, 48.1608, 73.0398
YIQ	164.2530, -82.0200, -22.3720

Conversions

Conversions Part 2

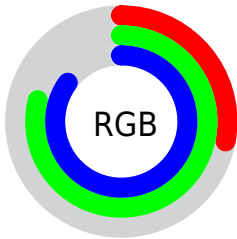
Format	Color
R _{YB}	72, 140, 217
Decimal	4770265
CIE Lab	74.93, -29.88, -18.31
CIE LCh	75, 35.043, 211.496
Yxy	48.1608, 0.2294, 0.3062
Android (android.graphics.Color)	4282960345 (0xFF48C9D9)
YUV	164.2530, 26.0043, -80.9059
Hunter-Lab	69.3980, -28.6352, -13.8228

Details

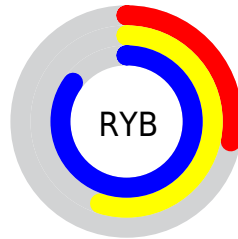
The Decimal color **4770265** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14243912**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **9043967**, and **37794** is the 20% darker color. If you saturate the color by 10%, you get **3327961**, and if you desaturate by 10%, it is **6212569**.

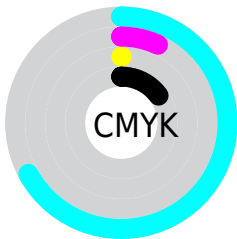
Distribution



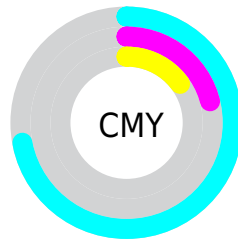
- Red (28%)
- Green (79%)
- Blue (85%)



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



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



- Cyan (72%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4770265 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 4770265 by changing the saturation by 10% instead.

4770265

4770265

16777215

1813949

9043967

37794

11075583

31112

13041663

24431

15073279

18262

12351

6953

276

0

4770265

4770265

3327961

6212569

1950937

7589593

508633

9031897

49625

10474457

11851225

13293529

14736089

16178393

16768985

Harmonies

Analogous

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



6277817



4770265



6276336

Triad

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



4770265



14919128



13481848

Complementary

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



4770265



14243912

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.



15248513



4770265



16163000

Square

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



4770265



12562671



16229272



11256193

Rectangle

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



4770265



8306424



16229272



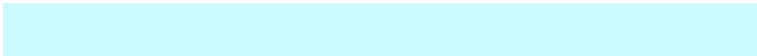
14136185

Sweetspot

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



4770265



13433343



4774230



6388864



0



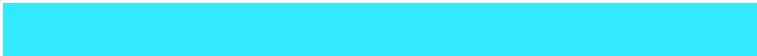
8421504

Same Dimension

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



4770265



3401983



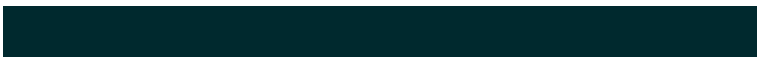
4752089



6515822



39597



10542

Inverse Universe

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



14239945



16724968



14262088



7234412



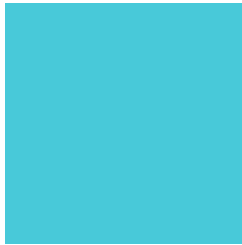
11337882



3014697

Previews

White Background



This preview shows how the Decimal color 4770265 looks on a white background.

Color Contrast Check

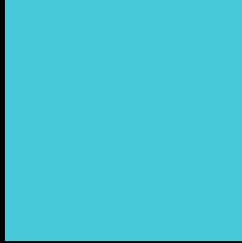
Large Text (above 18pt) WCAG AA × Fail

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 4770265 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 4770265 Background



This preview shows how black text looks on a background with the Decimal color 4770265.

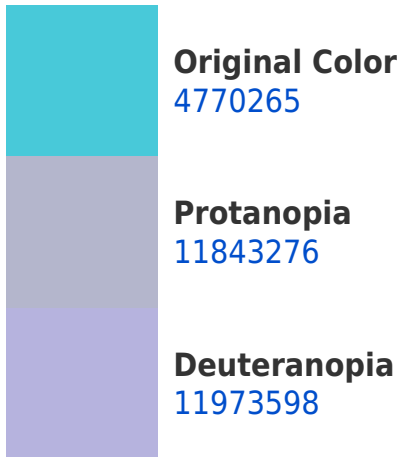


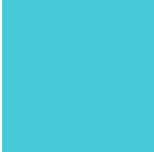
This preview shows how white text looks on a background with the Decimal color 4770265.

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
4770265

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4770265 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 #48C9D9 looks like.

```
.text, #text, p{  
    color:#48C9D9  
}
```

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 #48C9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48C9D9
}
```

Border

The CSS property to change the border of an element to Decimal 4770265 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
#48C9D9 }
```

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

```
.border{ border-color:#48C9D9 }
```

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

Here you see how a box with a 4 pixel #48C9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48C9D9; -webkit-box-shadow:4px 4px  
4px 4px #48C9D9; box-shadow:4px 4px 4px  
4px #48C9D9 }
```

Background

The CSS property to change the background color of an element to Decimal 4770265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48C9D9 }
```

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

```
.background{ background-color:#48C9D9 }
```

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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