

Converting Colors

Decimal(4772562)

Have a look what the booklet for
Decimal(4772562) contains.

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Color

Decimal(4772562)

Conversions

Conversions Part 1

Format	Color
Hex	48D2D2
RGB	72, 210, 210
RGB Percent	28%, 82%, 82%
CMY	0.7176, 0.1765, 0.1765
CMYK	0.66, 0.00, 0.00, 0.18
HSL	180°, 61%, 55%
HSV	180°, 66%, 82%
XYZ	37.3519, 52.1240, 69.0651
YIQ	168.7380, -82.2480, -29.2560

Conversions

Conversions Part 2

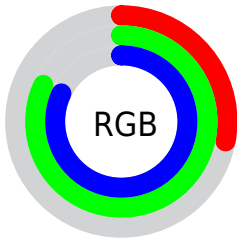
Format	Color
RYB	72, 141, 210
Decimal	4772562
CIELab	77.35, -36.16, -10.89
CIELCh	77, 37.759, 196.755
Yxy	52.1240, 0.2356, 0.3288
Android (android.graphics.Color)	4282962642 (0xFF48D2D2)
YUV	168.7380, 20.3422, -84.8392
Hunter-Lab	72.1970, -33.9957, -6.1801

Details

The Decimal color **4772562** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **13781064**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **9043967**, and **39836** is the 20% darker color. If you saturate the color by 10%, you get **3396306**, and if you desaturate by 10%, it is **6148818**.

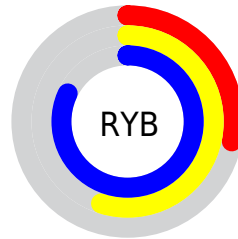
Distribution



Red (28%)

Green (82%)

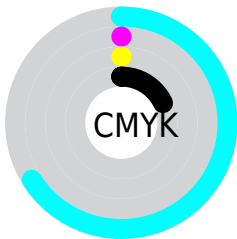
Blue (82%)



Red (28%)

Yellow (55%)

Blue (82%)

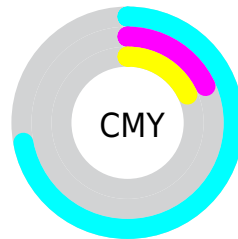


Cyan (66%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (72%)

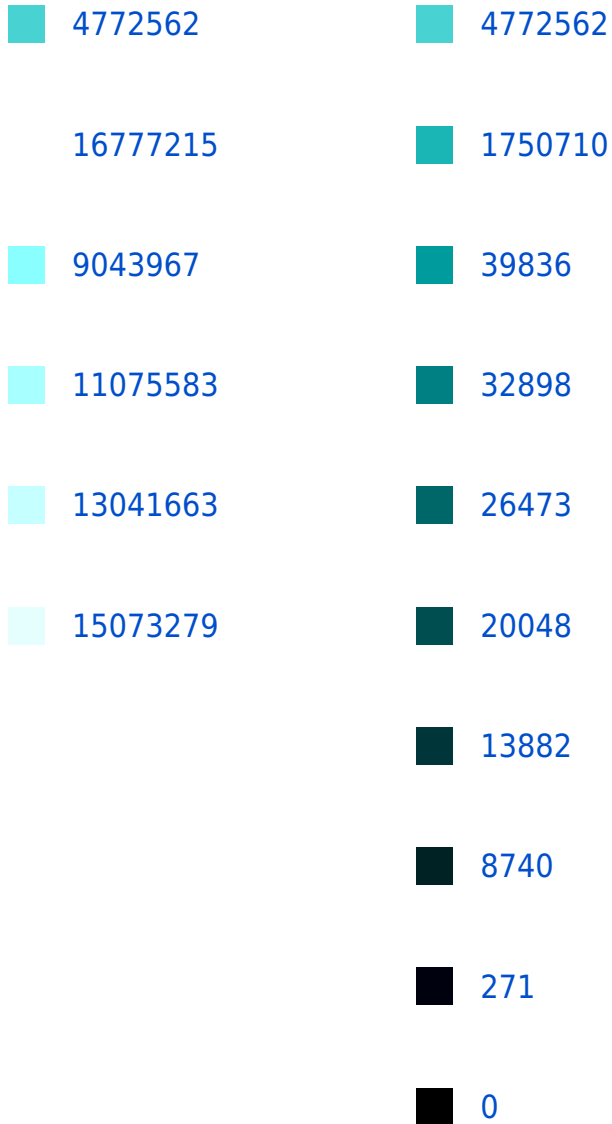
Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4772562 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 4772562 by changing the saturation by 10% instead.



4772562

4772562

3396306

6148818

2020050

7525074

643794

8901330

53970

10277586

11653842

13030098

14406354

15782610

16765650

Harmonies

Analogous

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



7393710



4772562



4575217

Triad

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



4772562



14462959



15054971

Complementary

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



4772562



13781064

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.



16559246



4772562



16426704

Square

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



4772562



11386111



16754093



12829563

Rectangle

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



4772562



6540031



16754093



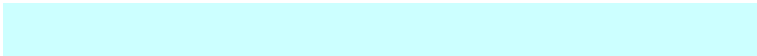
15643775

Sweetspot

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



4772562



13434879



4772424



6389888



0



8421504

Same Dimension

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



4772562



3604479



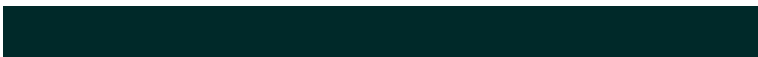
4754898



6187369



43176



10537

Inverse Universe

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



13781202



16725759



13798728



6905449



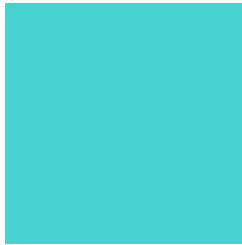
11010216



2687017

Previews

White Background



This preview shows how the Decimal color 4772562 looks on a white background.

Color Contrast Check

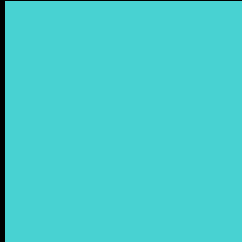
Large Text (above 18pt) WCAG AA × Fail

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 4772562 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 4772562 Background



This preview shows how black text looks on a background with the Decimal color 4772562.



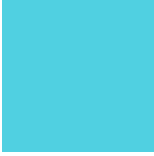
This preview shows how white text looks on a background with the Decimal color 4772562.

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
5296353

Trichromacy



Original Color

4772562



Protanomaly

9749962



Deuteranomaly

9945814



Tritanomaly

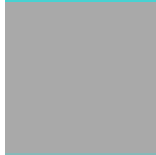
5099996

Monochromacy



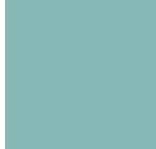
Original Color

4772562



Achromatopsia

11119017



Achromatomaly

8829112

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4772562 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 #48D2D2 looks like.

```
.text, #text, p{  
    color:#48D2D2  
}
```

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 #48D2D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48D2D2
}
```

Border

The CSS property to change the border of an element to Decimal 4772562 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
#48D2D2 }
```

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

```
.border{ border-color:#48D2D2 }
```

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

Here you see how a box with a 4 pixel #48D2D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48D2D2; -webkit-box-shadow:4px 4px  
4px 4px #48D2D2; box-shadow:4px 4px 4px  
4px #48D2D2 }
```

Background

The CSS property to change the background color of an element to Decimal 4772562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48D2D2 }
```

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

```
.background{ background-color:#48D2D2 }
```

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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