

Converting Colors

Decimal(4761809)

Have a look what the booklet for
Decimal(4761809) contains.

Decimal(4761809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4761809)

Conversions

Conversions Part 1

Format	Color
Hex	48A8D1
RGB	72, 168, 209
RGB Percent	28%, 66%, 82%
CMY	0.7176, 0.3412, 0.1804
CMYK	0.66, 0.20, 0.00, 0.18
HSL	198°, 60%, 55%
HSV	198°, 66%, 82%
XYZ	28.1837, 33.9864, 65.3962
YIQ	143.9700, -70.3770, -7.6010

Conversions

Conversions Part 2

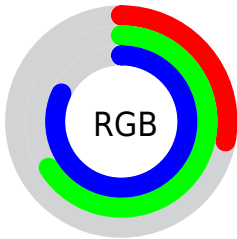
Format	Color
RYB	72, 128, 209
Decimal	4761809
CIELab	64.95, -15.51, -29.17
CIELCh	65, 33.039, 241.999
Yxy	33.9864, 0.2209, 0.2664
Android (android.graphics.Color)	4282951889 (0xFF48A8D1)
YUV	143.9700, 32.0598, -63.1177
Hunter-Lab	58.2979, -15.7266, -25.7006

Details

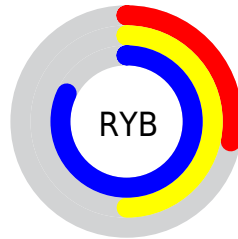
The Decimal color **4761809** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **13726024**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **8839167**, and **29850** is the 20% darker color. If you saturate the color by 10%, you get **3384017**, and if you desaturate by 10%, it is **6139601**.

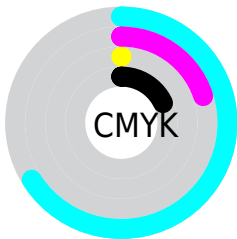
Distribution



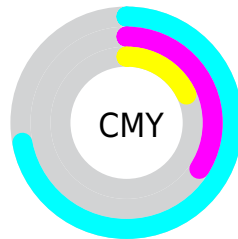
- Red (28%)
- Green (66%)
- Blue (82%)



- Red (28%)
- Yellow (50%)
- Blue (82%)



- Cyan (66%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (72%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4761809 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 4761809 by changing the saturation by 10% instead.

■ 4761809

■ 4761809

16777215

■ 2199221

■ 8839167

■ 29850

■ 10812671

■ 23424

■ 12713983

■ 17511

■ 14680063

■ 11599

16711679

■ 6712

■ 546

■ 8

■ 0

■ 4761809

■ 4761809

■ 3384017

■ 6139601

■ 2005969

■ 7517649

■ 628177

■ 8895441

■ 37585

■ 10273233

■ 11651025

■ 12963537

■ 14341329

■ 15719121

■ 16769233

Harmonies

Analogous

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



3124668



4761809



7839960

Triad

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



4761809



14059421



9479531

Complementary

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



4761809



13726024

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.



11574370



4761809



14060160

Square

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



4761809



12946618



13144682



7187329

Rectangle

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



4761809



9869780



13144682



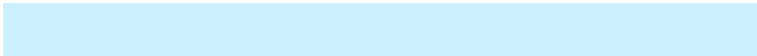
10199910

Sweetspot

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



4761809



13431039



4772207



6387328



0



8421504

Same Dimension

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



4761809



3589119



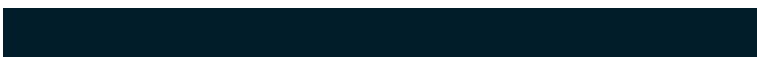
4744913



6186345



30376



7465

Inverse Universe

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



13715624



16725699



13742920



6905445



11010166



2687005

Previews

White Background



This preview shows how the Decimal color 4761809 looks on a white background.

Color Contrast Check

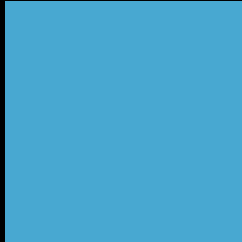
Large Text (above 18pt) WCAG AA × Fail

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 4761809 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 4761809 Background



This preview shows how black text looks on a background with the Decimal color 4761809.



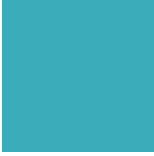
This preview shows how white text looks on a background with the Decimal color 4761809.

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
3910842

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4761809 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 #48A8D1 looks like.

```
.text, #text, p{  
    color:#48A8D1  
}
```

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 #48A8D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A8D1
}
```

Border

The CSS property to change the border of an element to Decimal 4761809 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
#48A8D1 }
```

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

```
.border{ border-color:#48A8D1 }
```

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

Here you see how a box with a 4 pixel #48A8D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A8D1; -webkit-box-shadow:4px 4px  
4px 4px #48A8D1; box-shadow:4px 4px 4px  
4px #48A8D1 }
```

Background

The CSS property to change the background color of an element to Decimal 4761809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A8D1 }
```

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

```
.background{ background-color:#48A8D1 }
```

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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