

Converting Colors

Decimal(4697036)

Have a look what the booklet for
Decimal(4697036) contains.

Decimal(4697036)	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(4697036)

Conversions

Conversions Part 1

Format	Color
Hex	47ABCC
RGB	71, 171, 204
RGB Percent	28%, 67%, 80%
CMY	0.7216, 0.3294, 0.2000
CMYK	0.65, 0.16, 0.00, 0.20
HSL	195°, 57%, 54%
HSV	195°, 65%, 80%
XYZ	28.0605, 34.8250, 62.3697
YIQ	144.8620, -70.1930, -10.9370

Conversions

Conversions Part 2

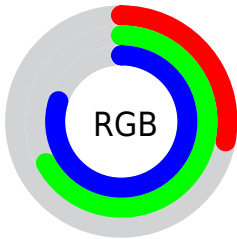
Format	Color
RYB	71, 128, 204
Decimal	4697036
CIELab	65.61, -18.84, -25.39
CIELCh	66, 31.618, 233.415
Yxy	34.8250, 0.2240, 0.2780
Android (android.graphics.Color)	4282887116 (0xFF47ABCC)
YUV	144.8620, 29.1550, -64.7770
Hunter-Lab	59.0127, -18.3957, -21.3538

Details

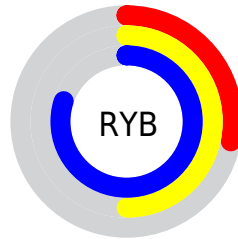
The Decimal color **4697036** is a dark color, and the websafe version is hex **0099CC**, and the color name is **maximum blue**. The color can be described as middle muted azure. A complement of this color would be **13396039**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **8774399**, and **30614** is the 20% darker color. If you saturate the color by 10%, you get **3385036**, and if you desaturate by 10%, it is **6009036**.

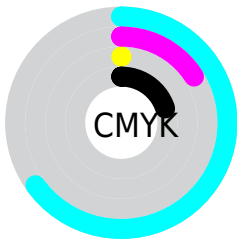
Distribution



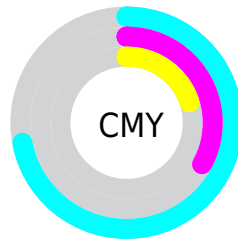
- Red (28%)
- Green (67%)
- Blue (80%)



- Red (28%)
- Yellow (50%)
- Blue (80%)



- Cyan (65%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)

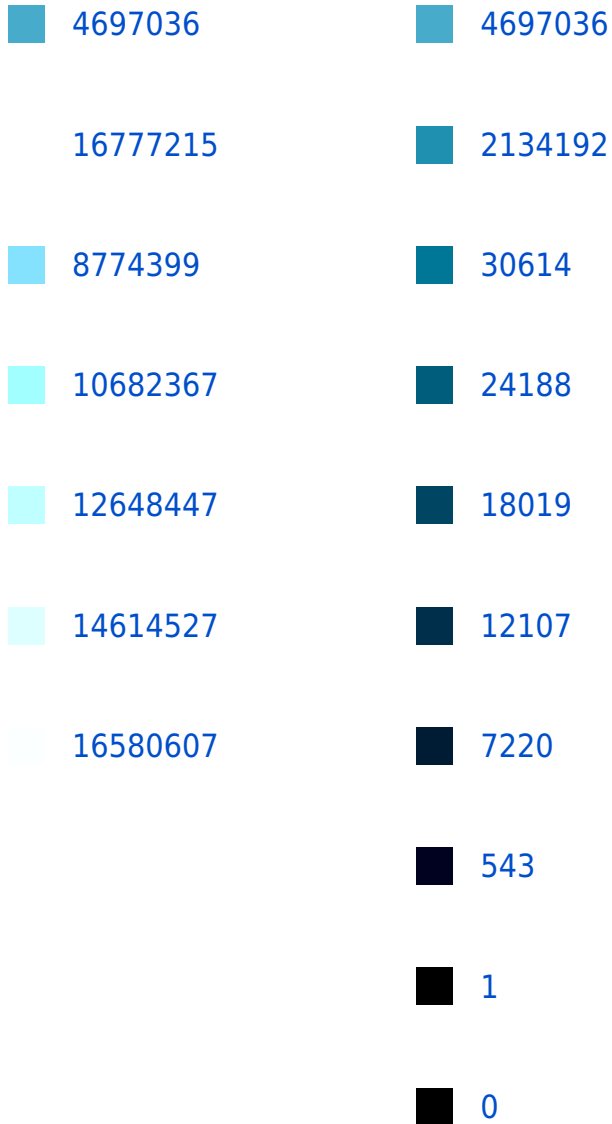


- Cyan (72%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4697036 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 4697036 by changing the saturation by 10% instead.



■ 4697036

■ 4697036

■ 3385036

■ 6009036

■ 2007500

■ 7386572

■ 695500

■ 8698572

■ 39372

■ 10076108

■ 11388108

■ 12700108

■ 14077644

■ 15389644

■ 16767436

Harmonies

Analogous

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



4107957



4697036



7316695

Triad

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



4697036



13798055



10265707

Complementary

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



4697036



13396039

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.



12098407



4697036



14125962

Square

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



4697036



12423361



13537907



8104829

Rectangle

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



4697036



9215702



13537907



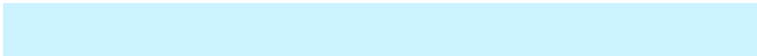
10920552

Sweetspot

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



4697036



13431551



4705382



6387840



0



8421504

Same Dimension

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



4697036



3723007



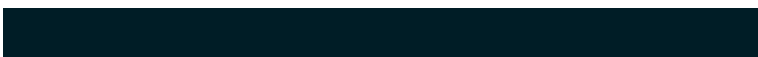
4680396



6054758



32166



7462

Inverse Universe

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



13387691



16726222



13412679



6708323



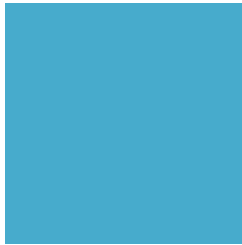
10879101



2490397

Previews

White Background



This preview shows how the Decimal color 4697036 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 4697036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

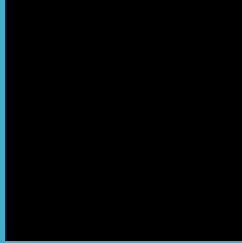
Any Text WCAG AA ✓ Pass

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 4697036 Background



This preview shows how black text looks on a background with the Decimal color 4697036.



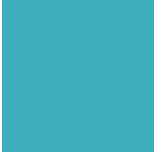
This preview shows how white text looks on a background with the Decimal color 4697036.

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](#).

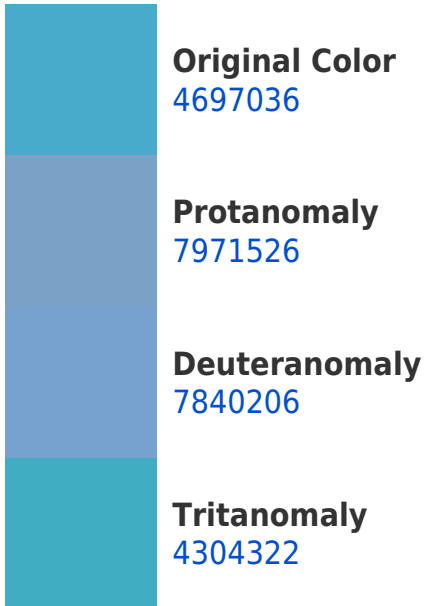
Dichromacy





Tritanopia
4107964

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4697036 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 #47ABCC looks like.

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

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 #47ABCC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 4697036 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
#47ABCC }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 4697036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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