

# Converting Colors

Decimal(4889307)

Have a look what the booklet for  
Decimal(4889307) contains.

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# Color

**Decimal(4889307)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A9ADB
RGB	74, 154, 219
RGB Percent	29%, 60%, 86%
CMY	0.7098, 0.3961, 0.1412
CMYK	0.66, 0.30, 0.00, 0.14
HSL	207°, 67%, 57%
HSV	207°, 66%, 86%
XYZ	27.1658, 29.6815, 71.3151
YIQ	137.4900, -68.5450, 3.2550

# Conversions

## Conversions Part 2

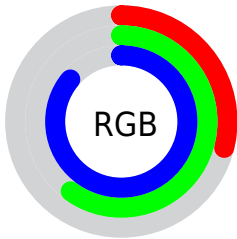
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 126, 219
Decimal	4889307
CIE Lab	61.38, -4.17, -40.28
CIE LCh	61, 40.493, 264.086
Yxy	29.6815, 0.2120, 0.2316
Android (android.graphics.Color)	4283079387 (0xFF4A9ADB)
YUV	137.4900, 40.1844, -55.6807
Hunter-Lab	54.4808, -6.3356, -39.4739

# Details

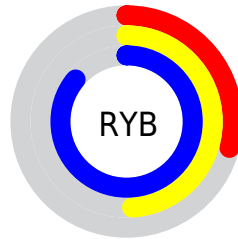
The Decimal color **4889307** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **14388042**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **8966399**, and **26532** is the 20% darker color. If you saturate the color by 10%, you get **3444955**, and if you desaturate by 10%, it is **6333659**.

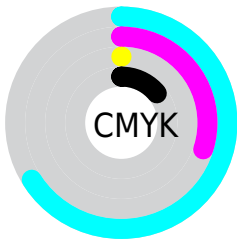
# Distribution



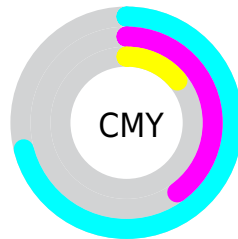
- Red (29%)
- Green (60%)
- Blue (86%)



- Red (29%)
- Yellow (49%)
- Blue (86%)



- Cyan (66%)
- Magenta (30%)
- Yellow (0%)
- Black (14%)



- Cyan (71%)
- Magenta (40%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4889307 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 4889307 by changing the saturation by 10% instead.



■ 4889307

■ 4889307

16777215

■ 2326719

■ 8966399

■ 26532

■ 10939647

■ 20361

■ 12910591

■ 14703

■ 14876671

■ 9303

■ 3647

■ 808

■ 274

■ 0

■ 4889307

■ 4889307

■ 3444955

■ 6333659

■ 2000603

■ 7778011

■ 556507

■ 9222107

■ 31195

■ 10666459

■ 12045275

■ 13489627

■ 14933979

■ 16378331

■ 16773851

# Harmonies

## Analogous

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



41677



4889307



9277142

# Triad

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



4889307



14186873



6529897

# Complementary

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



4889307



14388042

# 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.



9280337



4889307



13337435

# Square

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



4889307



13858973



11636812



2467468

# Rectangle

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



4889307



11371720



11636812



7512159

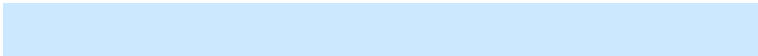


# Sweetspot

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



4889307



13428991



4905865



6386304



0



8421504



# Same Dimension

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



4889307



3581439



4871387



6515054



24749



6446



# Inverse Universe

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



14371482



16725669



14405962



7234409



11337824

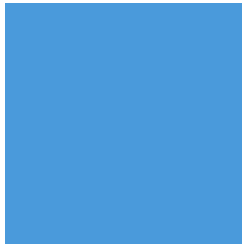


3014681



# Previews

## White Background



This preview shows how the Decimal color 4889307 looks on a white background.

## Color Contrast Check

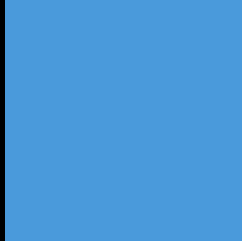
Large Text (above 18pt) WCAG AA ✓ Pass

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 4889307 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 × Fail

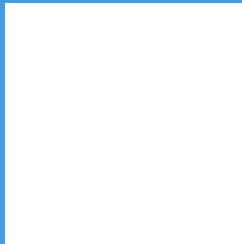
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4889307 Background



This preview shows how black text looks on a background with the Decimal color 4889307.



This preview shows how white text looks on a background with the Decimal color 4889307.

# 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



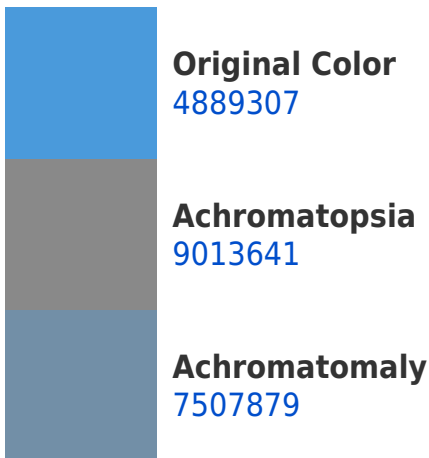


**Tritanopia**  
3187376

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4889307 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 #4A9ADB looks like.

```
.text, #text, p{  
    color:#4A9ADB  
}
```

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 #4A9ADB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A9ADB
}
```

## Border

The CSS property to change the border of an element to Decimal 4889307 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
#4A9ADB }
```

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

```
.border{ border-color:#4A9ADB }
```

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

Here you see how a box with a 4 pixel #4A9ADB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A9ADB; -webkit-box-shadow:4px 4px  
4px 4px #4A9ADB; box-shadow:4px 4px 4px  
4px #4A9ADB }
```

# Background

The CSS property to change the background color of an element to Decimal 4889307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A9ADB }
```

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

```
.background{ background-color:#4A9ADB }
```

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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