

# Converting Colors

Decimal(35309)

Have a look what the booklet for  
Decimal(35309) contains.

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# Color

**Decimal(35309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0089ED
RGB	0, 137, 237
RGB Percent	0%, 54%, 93%
CMY	1.0000, 0.4627, 0.0706
CMYK	1.00, 0.42, 0.00, 0.07
HSL	205°, 100%, 46%
HSV	205°, 100%, 93%
XYZ	24.2317, 24.0057, 83.4772
YIQ	107.4370, -113.7520, 2.0560

# Conversions

## Conversions Part 2

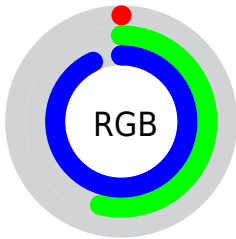
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 87, 237
Decimal	35309
CIELab	56.09, 6.30, -58.75
CIELCh	56, 59.085, 276.116
Yxy	24.0057, 0.1840, 0.1823
Android (android.graphics.Color)	4278225389 (0xFF0089ED)
YUV	107.4370, 63.8746, -94.2222
Hunter-Lab	48.9957, 2.5381, -66.7194

# Details

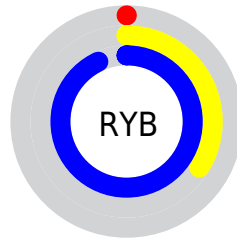
The Decimal color **35309** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **15557632**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **7061247**, and **22708** is the 20% darker color. If you saturate the color by 10%, you get **35309**, and if you desaturate by 10%, it is **1610733**.

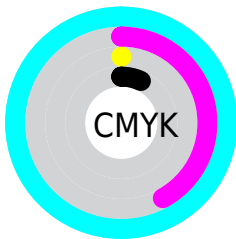
# Distribution



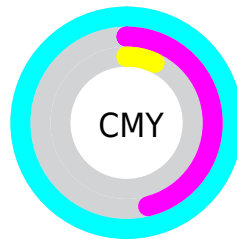
- Red (0%)
- Green (54%)
- Blue (93%)



- Red (0%)
- Yellow (34%)
- Blue (93%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (7%)



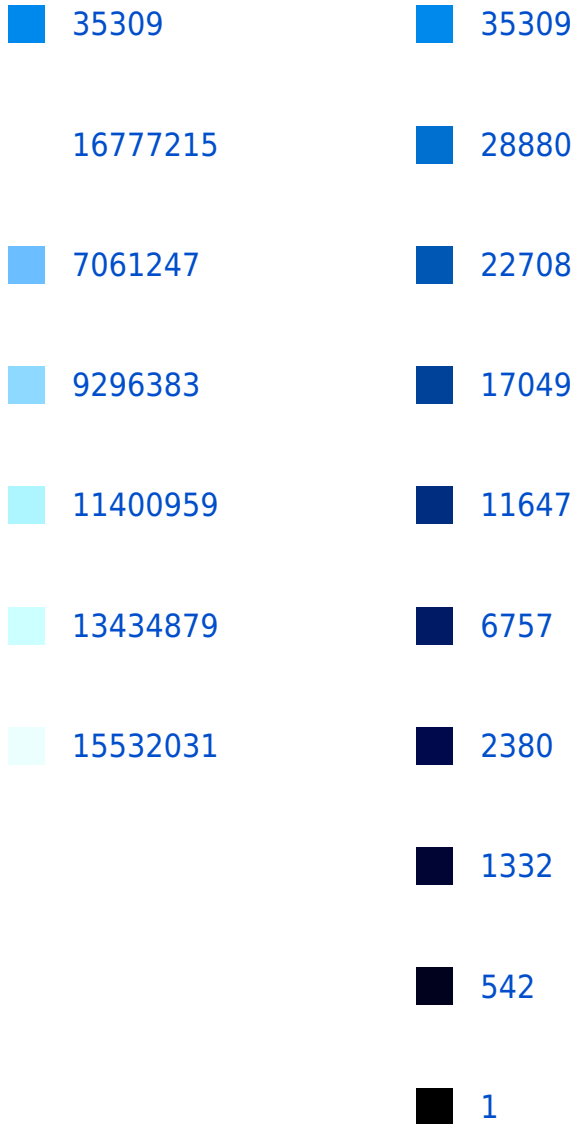
- Cyan (100%)
- Magenta (46%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 35309 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 35309 by changing the saturation by 10% instead.





■ 35309

■ 1610733

■ 3120621

■ 4696045

■ 6271469

■ 7781357

■ 9356781

■ 10932205

■ 12507629

■ 14017517

# Harmonies

## Analogous

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



38884



35309



9794778

# Triad

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



35309



14442317



40027

# Complementary

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



35309



15557632

# 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.



6329387



35309



12678179

# Square

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



35309



14832766



9930507



40848

# Rectangle

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



35309



12477888



9930507



2660938

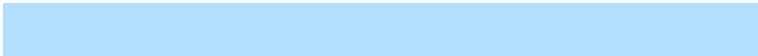


# Sweetspot

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



35309



11788287



60771



5401728



0



8421504

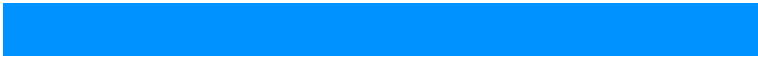


# Same Dimension

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



35309



37887



5357



6975605



27061



7990



# Inverse Universe

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



15532169



16711827



15587584



7694960



11862121



3538975



# Previews

## White Background



This preview shows how the Decimal color 35309 looks on a white background.

## Color Contrast Check

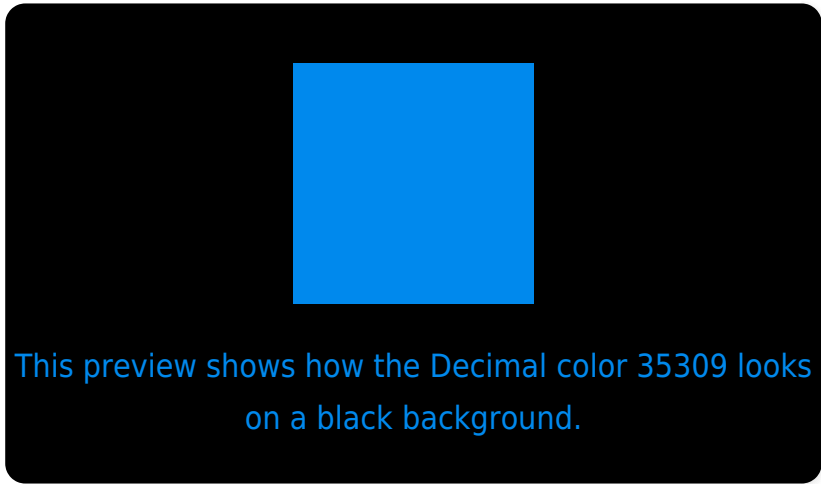
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

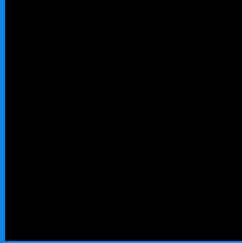
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

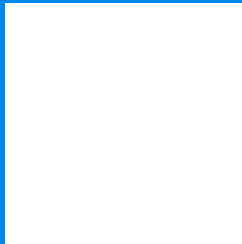
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 35309 Background



This preview shows how black text looks on a background with the Decimal color 35309.



This preview shows how white text looks on a background with the Decimal color 35309.

# 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](#).

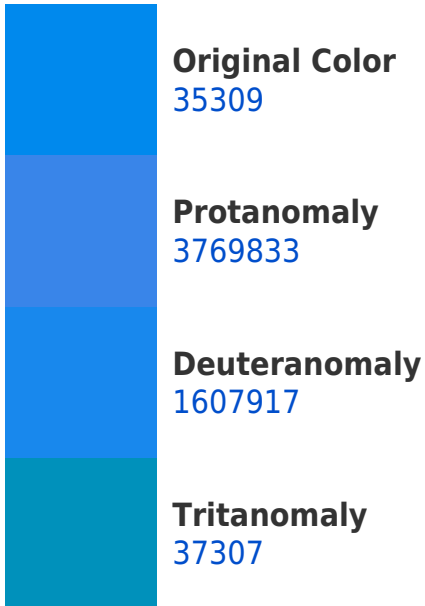
## Dichromacy





**Tritanopia**  
38303

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 35309 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 #0089ED looks like.

```
.text, #text, p{  
    color:#0089ED  
}
```

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 #0089ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0089ED
}
```

## Border

The CSS property to change the border of an element to Decimal 35309 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
#0089ED }
```

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

```
.border{ border-color:#0089ED }
```

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

Here you see how a box with a 4 pixel #0089ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0089ED; -webkit-box-shadow:4px 4px  
4px 4px #0089ED; box-shadow:4px 4px 4px  
4px #0089ED }
```

# Background

The CSS property to change the background color of an element to Decimal 35309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0089ED }
```

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

```
.background{ background-color:#0089ED }
```

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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