

# Converting Colors

Decimal(4041719)

Have a look what the booklet for  
Decimal(4041719) contains.

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# **Color**

**Decimal(4041719)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DABF7
RGB	61, 171, 247
RGB Percent	24%, 67%, 97%
CMY	0.7608, 0.3294, 0.0314
CMYK	0.75, 0.31, 0.00, 0.03
HSL	205°, 92%, 60%
HSV	205°, 75%, 97%
XYZ	33.2759, 36.8333, 93.3514
YIQ	146.7740, -89.9560, 0.3160

# Conversions

## Conversions Part 2

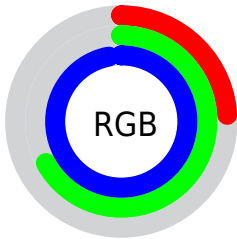
Format	Color
<b>RYB</b>	61, 130, 247
Decimal	4041719
CIELab	67.15, -6.01, -46.63
CIELCh	67, 47.020, 262.651
Yxy	36.8333, 0.2036, 0.2253
Android (android.graphics.Color)	4282231799 (0xFF3DABF7)
YUV	146.7740, 49.4114, -75.2238
Hunter-Lab	60.6905, -8.3388, -48.7140

# Details

The Decimal color **4041719** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **16222525**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **8708863**, and **30654** is the 20% darker color. If you saturate the color by 10%, you get **2400759**, and if you desaturate by 10%, it is **5682679**.

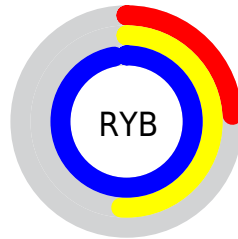
# Distribution



Red (24%)

Green (67%)

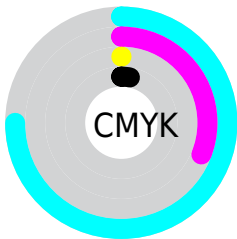
Blue (97%)



Red (24%)

Yellow (51%)

Blue (97%)

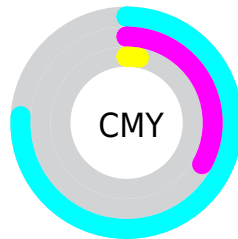


Cyan (75%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (76%)

Magenta (33%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4041719 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 4041719 by changing the saturation by 10% instead.



■ 4041719

■ 4041719

16777215

■ 37338

■ 8708863

■ 30654

■ 10813439

■ 24483

■ 12845055

■ 18312

■ 14876671

■ 12654

■ 7766

■ 1598

■ 807

■ 272

■ 4041719

■ 4041719

■ 2400759

■ 5682679

■ 825335

■ 7258103

■ 37623

■ 8899063

■ 10540023

■ 12180983

■ 13756663

■ 15397623

■ 16776439

■ 16777207

# Harmonies

## Analogous

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



46566



4041719



9870578

# Triad

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



4041719



15958661



7058542

# Complementary

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



4041719



16222525

# 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.



10333010



4041719



15044193

# Square

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



4041719



15565232



13016398



1030551

# Rectangle

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



4041719



12489186



13016398



8237411

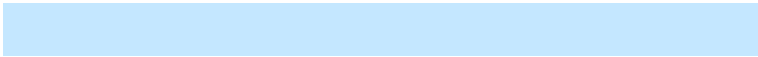


# Sweetspot

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



4041719



12904447



4061063



6058368



0



8421504



# Same Dimension

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



4041719



1679871



4018423



7239034



28346



9019



# Inverse Universe

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



16203179



16718241



16245821



8023669



12189806



3866659



# Previews

## White Background



This preview shows how the Decimal color 4041719 looks on a white background.

## Color Contrast Check

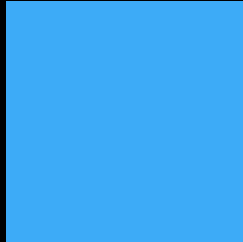
Large Text (above 18pt) WCAG AA × Fail

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 4041719 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

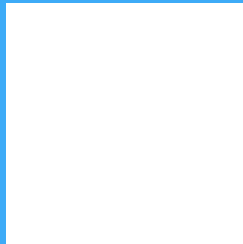
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4041719 Background



This preview shows how black text looks on a background with the Decimal color 4041719.



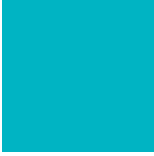
This preview shows how white text looks on a background with the Decimal color 4041719.

# 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](#).

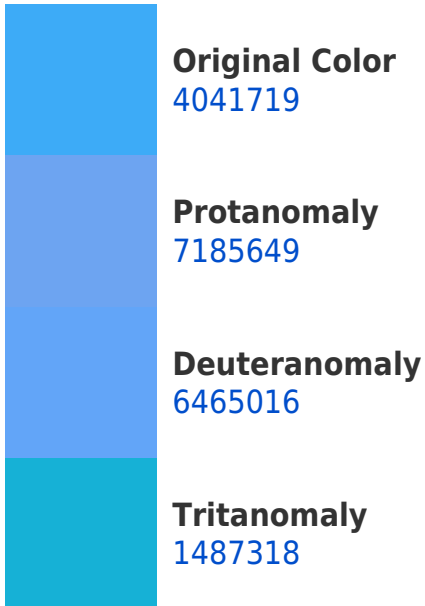
## Dichromacy



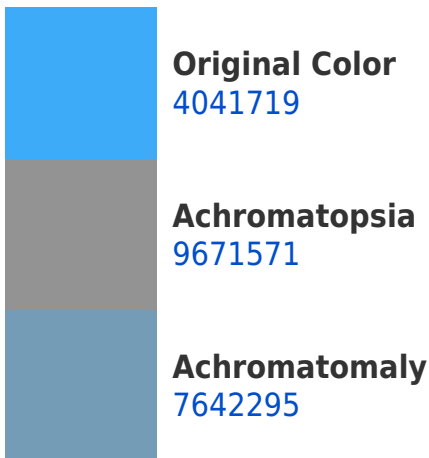


**Tritanopia**  
46275

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4041719 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 #3DABF7 looks like.

```
.text, #text, p{  
    color:#3DABF7  
}
```

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 #3DABF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DABF7
}
```

## Border

The CSS property to change the border of an element to Decimal 4041719 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
#3DABF7 }
```

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

```
.border{ border-color:#3DABF7 }
```

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

Here you see how a box with a 4 pixel #3DABF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DABF7; -webkit-box-shadow:4px 4px  
4px 4px #3DABF7; box-shadow:4px 4px 4px  
4px #3DABF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 4041719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DABF7 }
```

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

```
.background{ background-color:#3DABF7 }
```

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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