

# Converting Colors

Decimal(4295660)

Have a look what the booklet for  
Decimal(4295660) contains.

<b>Decimal(4295660)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4295660)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	418BEC
RGB	65, 139, 236
RGB Percent	25%, 55%, 93%
CMY	0.7451, 0.4549, 0.0745
CMYK	0.72, 0.41, 0.00, 0.07
HSL	214°, 82%, 59%
HSV	214°, 72%, 93%
XYZ	26.5529, 25.6452, 82.9074
YIQ	127.9320, -75.2410, 14.4790

# Conversions

## Conversions Part 2

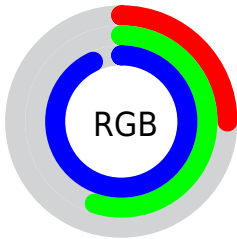
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	65, 117, 236
Decimal	4295660
CIE Lab	57.70, 9.19, -55.56
CIE LCh	58, 56.320, 279.394
Yxy	25.6452, 0.1965, 0.1898
Android (android.graphics.Color)	4282485740 (0xFF418BEC)
YUV	127.9320, 53.2775, -55.1914
Hunter-Lab	50.6411, 4.9720, -61.6183

# Details

The Decimal color **4295660** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **15508033**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **8700159**, and **23219** is the 20% darker color. If you saturate the color by 10%, you get **2719468**, and if you desaturate by 10%, it is **5871852**.

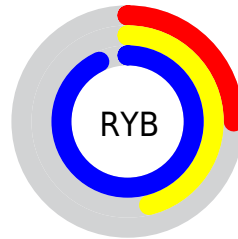
# Distribution



Red (25%)

Green (55%)

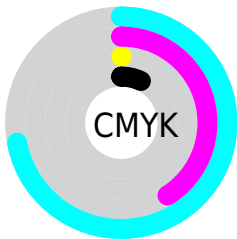
Blue (93%)



Red (25%)

Yellow (46%)

Blue (93%)

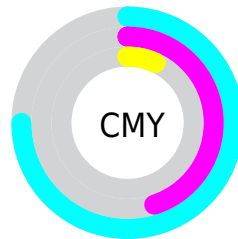


Cyan (72%)

Magenta (41%)

Yellow (0%)

Black (7%)



Cyan (75%)

Magenta (45%)

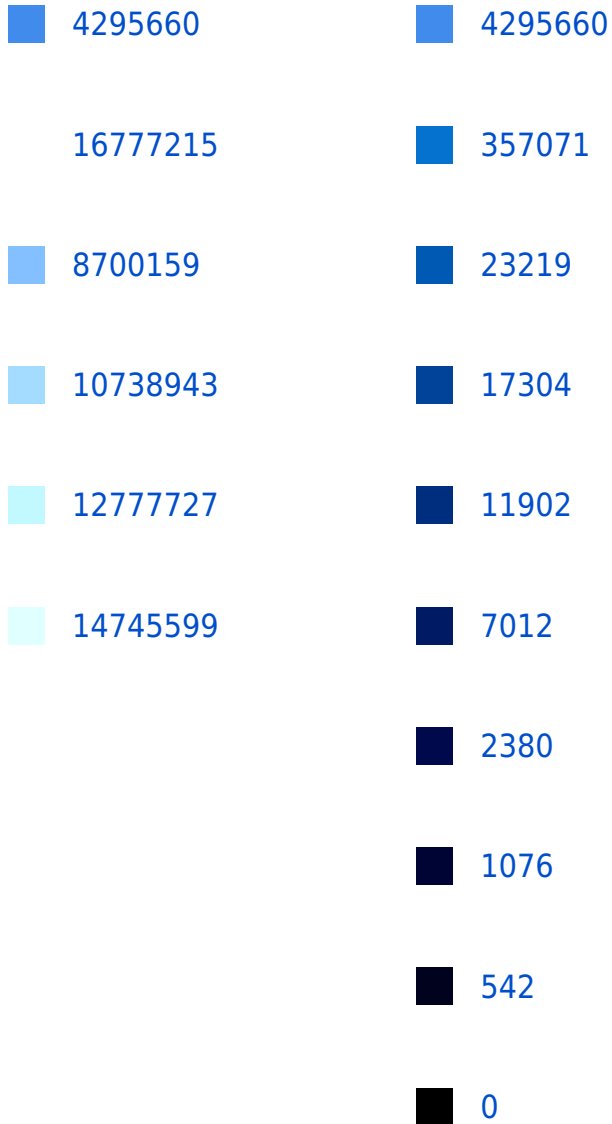
Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4295660 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 4295660 by changing the saturation by 10% instead.





■ 4295660

■ 4295660

■ 2719468

■ 5871852

■ 1208556

■ 7382764

■ 26348

■ 8958956

■ 10469868

■ 12046060

■ 13622252

■ 15133164

■ 16709356

■ 16777196

# Harmonies

## Analogous

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



39398



4295660



10581975

# Triad

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



4295660



14444623



41062

# Complementary

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



4295660



15508033

# 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.



6396217



4295660



12614698

# Square

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



4295660



14965885



9866526



41625

# Rectangle

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



4295660



12937662



9866526



2727510



# Sweetspot

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



4295660



13099007



4320418



6188416



0



8421504



# Same Dimension

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



4295660



2195967



4997612



6975349



20149



5942



# Inverse Universe

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



15483275



16720257



14806081



7694959



11862094

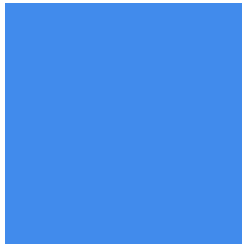


3538967



# Previews

## White Background



This preview shows how the Decimal color 4295660 looks on a white background.

## Color Contrast Check

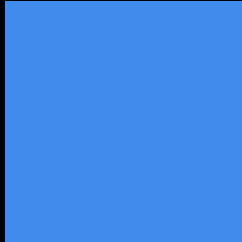
Large Text (above 18pt) WCAG AA ✓ Pass

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 4295660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

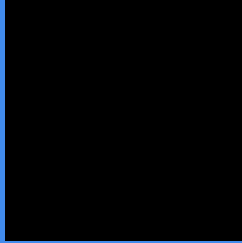
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

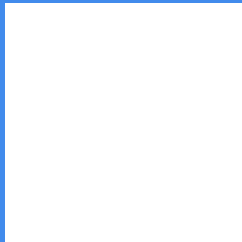
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4295660 Background



This preview shows how black text looks on a background with the Decimal color 4295660.



This preview shows how white text looks on a background with the Decimal color 4295660.

# 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

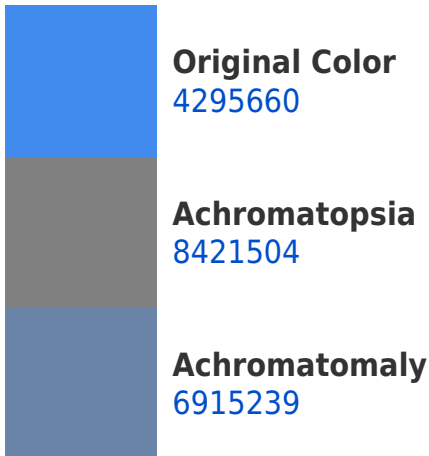




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4295660 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 #418BEC looks like.

```
.text, #text, p{  
    color:#418BEC  
}
```

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 #418BEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418BEC
}
```

## Border

The CSS property to change the border of an element to Decimal 4295660 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
#418BEC }
```

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

```
.border{ border-color:#418BEC }
```

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

Here you see how a box with a 4 pixel #418BEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418BEC; -webkit-box-shadow:4px 4px  
4px 4px #418BEC; box-shadow:4px 4px 4px  
4px #418BEC }
```

# Background

The CSS property to change the background color of an element to Decimal 4295660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418BEC }
```

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

```
.background{ background-color:#418BEC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor