

# Converting Colors

Decimal(4956135)

Have a look what the booklet for  
Decimal(4956135) contains.

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# **Color**

**Decimal(4956135)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B9FE7
RGB	75, 159, 231
RGB Percent	29%, 62%, 91%
CMY	0.7059, 0.3765, 0.0941
CMYK	0.68, 0.31, 0.00, 0.09
HSL	208°, 76%, 60%
HSV	208°, 68%, 91%
XYZ	29.7236, 32.0617, 80.2232
YIQ	142.0920, -73.1760, 4.5840

# Conversions

## Conversions Part 2

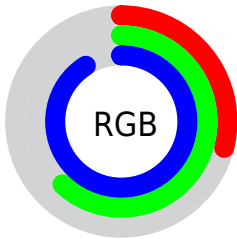
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 130, 231
Decimal	4956135
CIE <sub>Lab</sub>	63.39, -2.83, -43.75
CIE <sub>LCh</sub>	63, 43.844, 266.298
Yxy	32.0617, 0.2093, 0.2258
Android (android.graphics.Color)	4283146215 (0xFF4B9FE7)
YUV	142.0920, 43.8316, -58.8397
Hunter-Lab	56.6230, -5.3888, -44.3657

# Details

The Decimal color **4956135** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **15176523**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **9164287**, and **27823** is the 20% darker color. If you saturate the color by 10%, you get **3445991**, and if you desaturate by 10%, it is **6466279**.

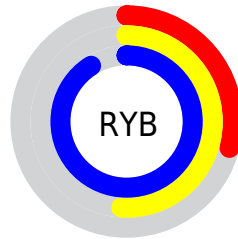
# Distribution



Red (29%)

Green (62%)

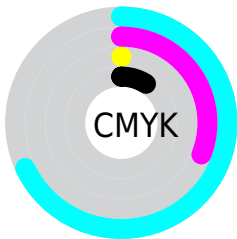
Blue (91%)



Red (29%)

Yellow (51%)

Blue (91%)

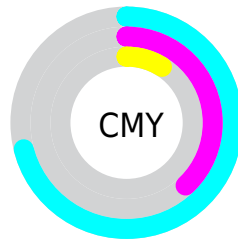


Cyan (68%)

Magenta (31%)

Yellow (0%)

Black (9%)



Cyan (71%)

Magenta (38%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4956135 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 4956135 by changing the saturation by 10% instead.



■ 4956135

■ 4956135

16777215

■ 2262475

■ 9164287

■ 27823

■ 11137791

■ 21652

■ 13107199

■ 15738

■ 15073279

■ 10337

■ 5192

■ 1073

■ 283

■ 0

■ 4956135

■ 4956135

■ 3445991

■ 6466279

■ 1936103

■ 7976167

■ 425959

■ 9486311

■ 31975

■ 10996455

■ 12571879

■ 14082023

■ 15592167

■ 16774375

■ 16777191

# Harmonies

## Analogous

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



43482



4956135



9802207

# Triad

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



4956135



14908537



6269293

# Complementary

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



4956135



15176523

# 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.



9413201



4956135



13863002

# Square

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



4956135



14645920



11900490



44435

# Rectangle

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



4956135



12093392



11900490



7382882

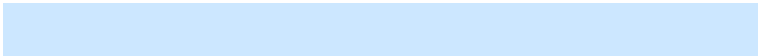


# Sweetspot

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



4956135



13428735



4974481



6386048



0



8421504



# Same Dimension

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



4956135



3186943



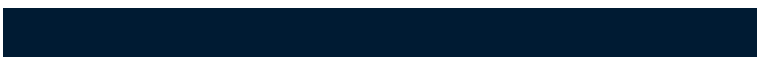
4936679



6778227



24755



6963



# Inverse Universe

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



15158175



16724128



15195979



7563117



11731040

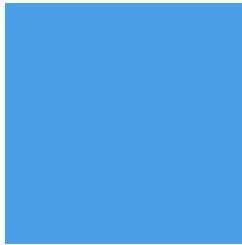


3342363



# Previews

## White Background



This preview shows how the Decimal color 4956135 looks on a white background.

## Color Contrast Check

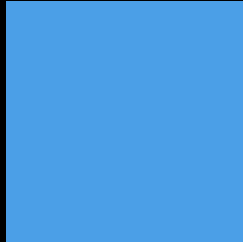
Large Text (above 18pt) WCAG AA × Fail

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 4956135 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

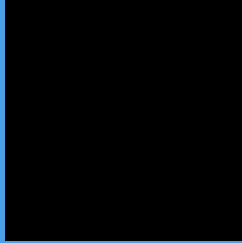
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4956135 Background



This preview shows how black text looks on a background with the Decimal color 4956135.



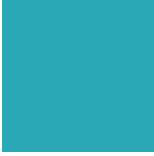
This preview shows how white text looks on a background with the Decimal color 4956135.

# 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**  
2861238

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4956135 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 #4B9FE7 looks like.

```
.text, #text, p{  
    color:#4B9FE7  
}
```

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 #4B9FE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9FE7
}
```

## Border

The CSS property to change the border of an element to Decimal 4956135 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
#4B9FE7 }
```

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

```
.border{ border-color:#4B9FE7 }
```

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

Here you see how a box with a 4 pixel #4B9FE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9FE7; -webkit-box-shadow:4px 4px  
4px 4px #4B9FE7; box-shadow:4px 4px 4px  
4px #4B9FE7 }
```

# Background

The CSS property to change the background color of an element to Decimal 4956135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9FE7 }
```

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

```
.background{ background-color:#4B9FE7 }
```

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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