

Converting Colors

Decimal(5153003)

Have a look what the booklet for
Decimal(5153003) contains.

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Color

Decimal(5153003)

Conversions

Conversions Part 1

Format	Color
Hex	4EA0EB
RGB	78, 160, 235
RGB Percent	31%, 63%, 92%
CMY	0.6941, 0.3725, 0.0784
CMYK	0.67, 0.32, 0.00, 0.08
HSL	209°, 80%, 61%
HSV	209°, 67%, 92%
XYZ	30.7081, 32.7595, 83.3020
YIQ	144.0320, -72.9470, 5.9410

Conversions

Conversions Part 2

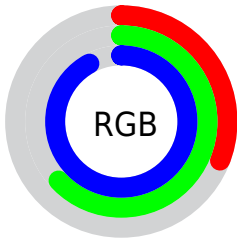
Format	Color
RYB	78, 132, 235
Decimal	5153003
CIELab	63.97, -1.59, -45.05
CIELCh	64, 45.076, 267.979
Yxy	32.7595, 0.2092, 0.2232
Android (android.graphics.Color)	4283343083 (0xFF4EA0EB)
YUV	144.0320, 44.8472, -57.9101
Hunter-Lab	57.2359, -4.3943, -46.2264

Details

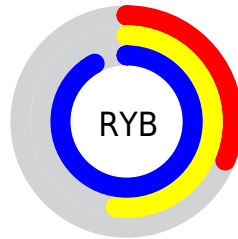
The Decimal color **5153003** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **15440206**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **9295615**, and **28083** is the 20% darker color. If you saturate the color by 10%, you get **3577323**, and if you desaturate by 10%, it is **6728683**.

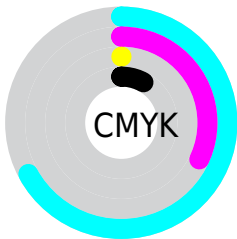
Distribution



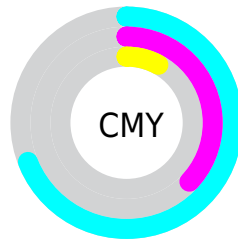
- Red (31%)
- Green (63%)
- Blue (92%)



- Red (31%)
- Yellow (52%)
- Blue (92%)



- Cyan (67%)
- Magenta (32%)
- Yellow (0%)
- Black (8%)



- Cyan (69%)
- Magenta (37%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5153003 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 5153003 by changing the saturation by 10% instead.

■ 5153003

■ 5153003

16777215

■ 2524879

■ 9295615

■ 28083

■ 11334655

■ 21912

■ 13303807

■ 15997

■ 15269887

■ 10596

■ 5452

■ 1076

■ 542

■ 0

■ 5153003

■ 5153003

■ 3577323

■ 6728683

■ 2067179

■ 8238827

■ 491243

■ 9749227

■ 31723

■ 11324907

■ 12835051

■ 14410731

■ 15986667

■ 16775915

■ 16777195

Harmonies

Analogous

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



43742



5153003



10130146

Triad

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



5153003



15105399



6007919

Complementary

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



5153003



15440206

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.



9282641



5153003



13994328

Square

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



5153003



14908063



11966537



44951

Rectangle

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



5153003



12421073



11966537



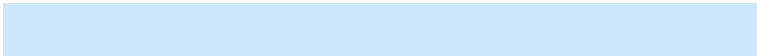
7187043

Sweetspot

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



5153003



13428735



5172119



6386048



0



8421504

Same Dimension

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



5153003



3383039



5133291



6975605



24501



7222

Inverse Universe

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



15421088



16724894



15459918



7694960



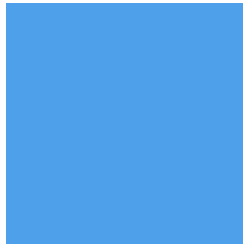
11862111



3538972

Previews

White Background



This preview shows how the Decimal color 5153003 looks on a white background.

Color Contrast Check

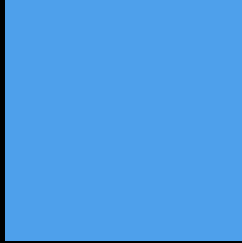
Large Text (above 18pt) WCAG AA × Fail

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 5153003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

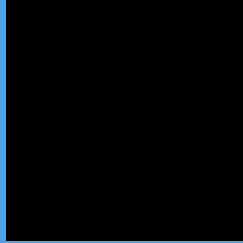
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

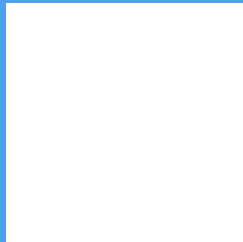
Any Text WCAG AAA ✓ Pass

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

Decimal 5153003 Background



This preview shows how black text looks on a background with the Decimal color 5153003.



This preview shows how white text looks on a background with the Decimal color 5153003.

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](#).

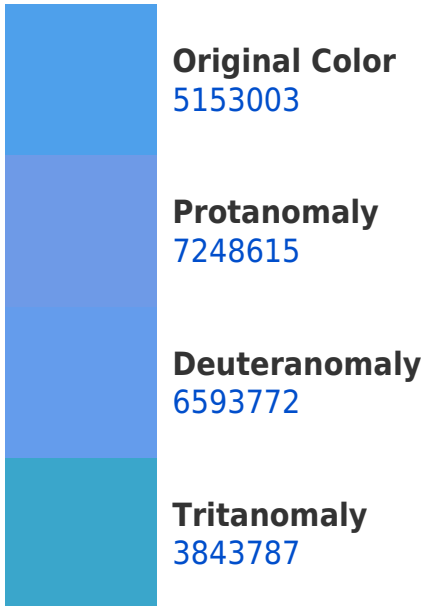
Dichromacy



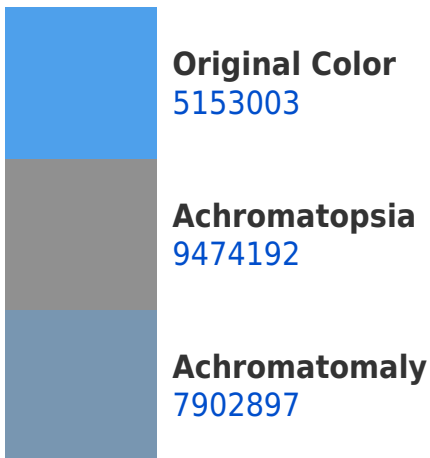


Tritanopia
3058360

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5153003 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 #4EA0EB looks like.

```
.text, #text, p{  
    color:#4EA0EB  
}
```

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 #4EA0EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EA0EB
}
```

Border

The CSS property to change the border of an element to Decimal 5153003 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
#4EA0EB }
```

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

```
.border{ border-color:#4EA0EB }
```

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

Here you see how a box with a 4 pixel #4EA0EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EA0EB; -webkit-box-shadow:4px 4px  
4px 4px #4EA0EB; box-shadow:4px 4px 4px  
4px #4EA0EB }
```

Background

The CSS property to change the background color of an element to Decimal 5153003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EA0EB }
```

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

```
.background{ background-color:#4EA0EB }
```

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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