

# Converting Colors

Decimal(5027050)

Have a look what the booklet for  
Decimal(5027050) contains.

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# **Color**

**Decimal(5027050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CB4EA
RGB	76, 180, 234
RGB Percent	30%, 71%, 92%
CMY	0.7020, 0.2941, 0.0824
CMYK	0.68, 0.23, 0.00, 0.08
HSL	201°, 79%, 61%
HSV	201°, 68%, 92%
XYZ	34.1530, 40.1195, 83.7857
YIQ	155.0600, -79.3180, -5.2540

# Conversions

## Conversions Part 2

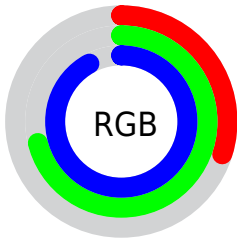
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 139, 234
Decimal	5027050
CIELab	69.55, -13.30, -35.77
CIELCh	70, 38.159, 249.599
Yxy	40.1195, 0.2161, 0.2538
Android (android.graphics.Color)	4283217130 (0xFF4CB4EA)
YUV	155.0600, 38.9174, -69.3356
Hunter-Lab	63.3400, -14.5974, -34.0904

# Details

The Decimal color **5027050** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **15368780**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **9235711**, and **32690** is the 20% darker color. If you saturate the color by 10%, you get **3517674**, and if you desaturate by 10%, it is **6536426**.

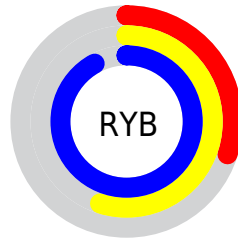
# Distribution



Red (30%)

Green (71%)

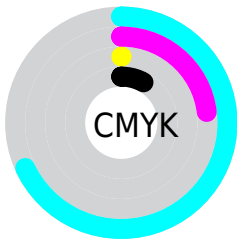
Blue (92%)



Red (30%)

Yellow (55%)

Blue (92%)

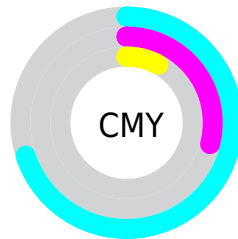


Cyan (68%)

Magenta (23%)

Yellow (0%)

Black (8%)



Cyan (70%)

Magenta (29%)

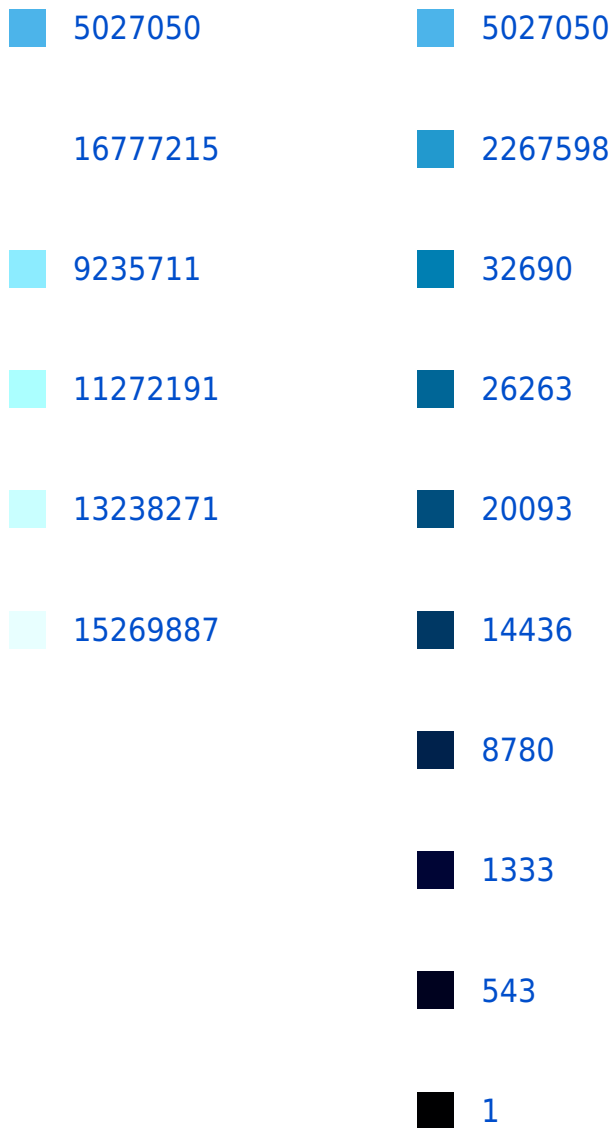
Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5027050 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 5027050 by changing the saturation by 10% instead.





■ 5027050

■ 5027050

■ 3517674

■ 6536426

■ 1942762

■ 8111338

■ 433386

■ 9620714

■ 39658

■ 11195626

■ 12705002

■ 14214378

■ 15789290

■ 16774378

■ 16776426

# Harmonies

## Analogous

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



506581



5027050



9087726

# Triad

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



5027050



15568800



9483635

# Complementary

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



5027050



15368780

# 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.



11971429



5027050



15307903

# Square

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



5027050



14586563



14000233



6667153

# Rectangle

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



5027050



11379174



14000233



10334828

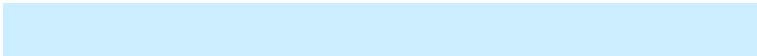


# Sweetspot

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



5027050



13430527



5040769



6387072



0



8421504



# Same Dimension

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



5027050



3193087



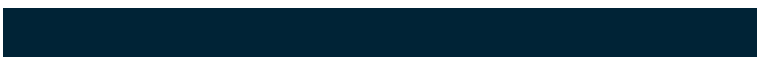
5007082



6975861



30645



9014



# Inverse Universe

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



15355060



16724152



15388748



7694961



11862135

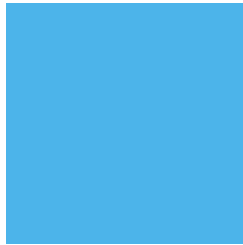


3538979



# Previews

## White Background



This preview shows how the Decimal color 5027050 looks on a white background.

## Color Contrast Check

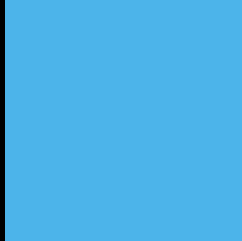
Large Text (above 18pt) WCAG AA × Fail

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 5027050 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

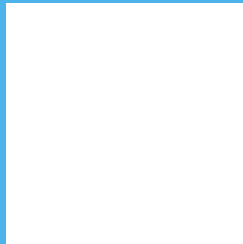
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5027050 Background



This preview shows how black text looks on a background with the Decimal color 5027050.



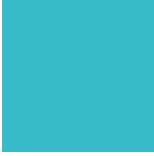
This preview shows how white text looks on a background with the Decimal color 5027050.

# 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](#).

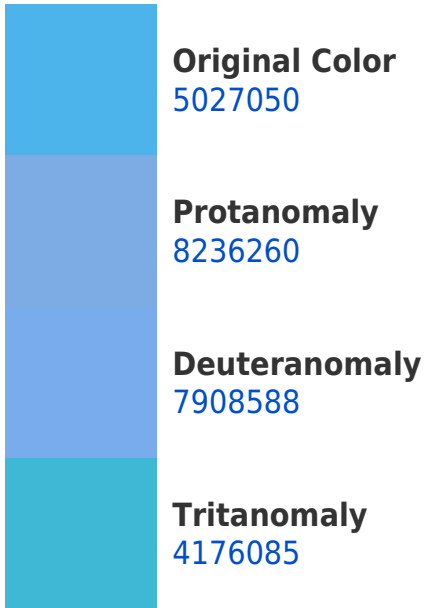
## Dichromacy





**Tritanopia**  
3717833

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5027050 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 #4CB4EA looks like.

```
.text, #text, p{  
    color:#4CB4EA  
}
```

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 #4CB4EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB4EA
}
```

## Border

The CSS property to change the border of an element to Decimal 5027050 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
#4CB4EA }
```

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

```
.border{ border-color:#4CB4EA }
```

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

Here you see how a box with a 4 pixel #4CB4EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB4EA; -webkit-box-shadow:4px 4px  
4px 4px #4CB4EA; box-shadow:4px 4px 4px  
4px #4CB4EA }
```

# Background

The CSS property to change the background color of an element to Decimal 5027050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB4EA }
```

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

```
.background{ background-color:#4CB4EA }
```

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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