

Converting Colors

Decimal(5030140)

Have a look what the booklet for
Decimal(5030140) contains.

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Color

Decimal(5030140)

Conversions

Conversions Part 1

Format	Color
Hex	4CC0FC
RGB	76, 192, 252
RGB Percent	30%, 75%, 99%
CMY	0.7020, 0.2471, 0.0118
CMYK	0.70, 0.24, 0.00, 0.01
HSL	200°, 97%, 64%
HSV	200°, 70%, 99%
XYZ	39.4008, 46.2640, 98.9487
YIQ	164.1560, -88.3960, -5.9320

Conversions

Conversions Part 2

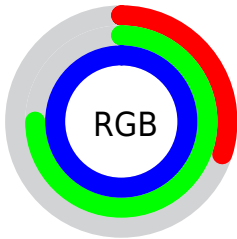
Format	Color
RYB	76, 146, 252
Decimal	5030140
CIELab	73.72, -13.90, -39.04
CIELCh	74, 41.438, 250.408
Yxy	46.2640, 0.2134, 0.2506
Android (android.graphics.Color)	4283220220 (0xFF4CC0FC)
YUV	164.1560, 43.3071, -77.3128
Hunter-Lab	68.0177, -15.6307, -38.6397

Details

The Decimal color **5030140** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **16549964**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **9435391**, and **35779** is the 20% darker color. If you saturate the color by 10%, you get **3389436**, and if you desaturate by 10%, it is **6670844**.

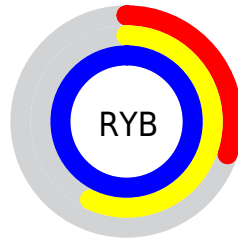
Distribution



Red (30%)

Green (75%)

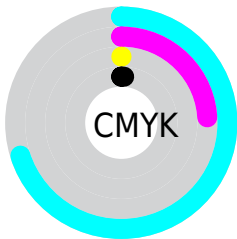
Blue (99%)



Red (30%)

Yellow (57%)

Blue (99%)

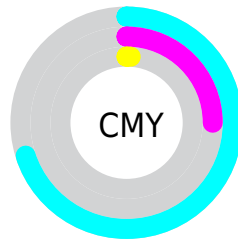


Cyan (70%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (70%)

Magenta (25%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5030140 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 5030140 by changing the saturation by 10% instead.

 5030140

 5030140

16777215

 1877471

 9435391

 35779

 11534335

 29096

 13565951

 22925

 15597567

 16755

 11354

 6210

 812

 278

■ 5030140

■ 5030140

■ 3389436

■ 6670844

■ 1748988

■ 8311292

■ 42748

■ 10017532

■ 11657980

■ 13298684

■ 14939388

■ 16579836

16777212

Harmonies

Analogous

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



51173



5030140



9680127

Triad

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



5030140



16750505



9945466

Complementary

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



5030140



16549964

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.



12695401



5030140



16359046

Square

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



5030140



15702992



14920302



6801306

Rectangle

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



5030140



12233719



14920302



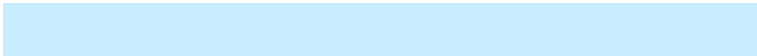
10927730

Sweetspot

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



5030140



13233663



5045383



6321536



0



8421504

Same Dimension

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



5030140



2733823



5007868



7371133



31933



10301

Inverse Universe

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



16534720



16722358



16572236



8220793



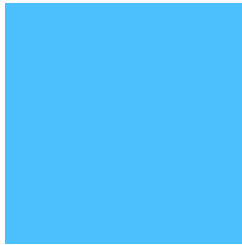
12386428



3997736

Previews

White Background



This preview shows how the Decimal color 5030140 looks on a white background.

Color Contrast Check

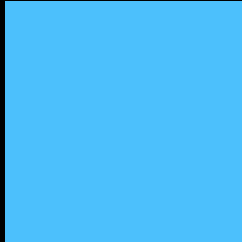
Large Text (above 18pt) WCAG AA × Fail

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 5030140 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

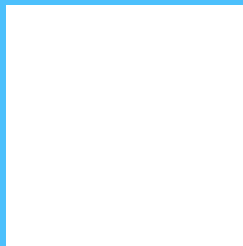
Any Text WCAG AAA ✓ Pass

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

Decimal 5030140 Background



This preview shows how black text looks on a background with the Decimal color 5030140.

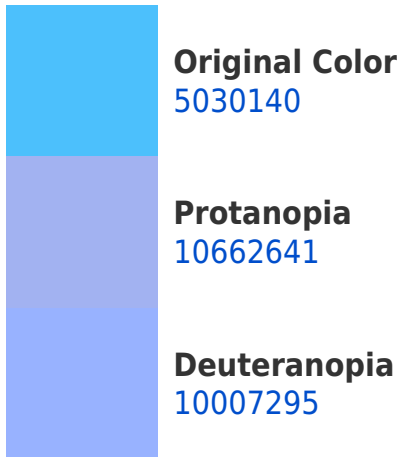


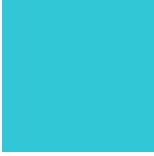
This preview shows how white text looks on a background with the Decimal color 5030140.

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



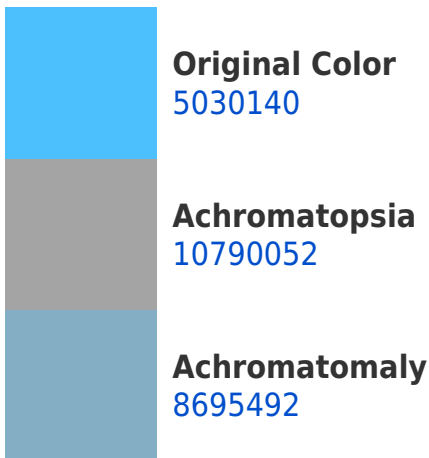


Tritanopia
3327959

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5030140 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 #4CC0FC looks like.

```
.text, #text, p{  
    color:#4CC0FC  
}
```

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 #4CC0FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CC0FC
}
```

Border

The CSS property to change the border of an element to Decimal 5030140 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
#4CC0FC }
```

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

```
.border{ border-color:#4CC0FC }
```

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

Here you see how a box with a 4 pixel #4CC0FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CC0FC; -webkit-box-shadow:4px 4px  
4px 4px #4CC0FC; box-shadow:4px 4px 4px  
4px #4CC0FC }
```

Background

The CSS property to change the background color of an element to Decimal 5030140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CC0FC }
```

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

```
.background{ background-color:#4CC0FC }
```

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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