

Converting Colors

Decimal(5096677)

Have a look what the booklet for
Decimal(5096677) contains.

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Color

Decimal(5096677)

Conversions

Conversions Part 1

Format	Color
Hex	4DC4E5
RGB	77, 196, 229
RGB Percent	30%, 77%, 90%
CMY	0.6980, 0.2314, 0.1020
CMYK	0.66, 0.14, 0.00, 0.10
HSL	193°, 75%, 60%
HSV	193°, 66%, 90%
XYZ	36.9434, 46.7148, 81.1985
YIQ	164.1810, -81.5170, -14.9650

Conversions

Conversions Part 2

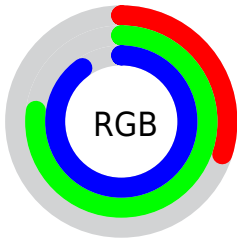
Format	Color
RYB	77, 144, 229
Decimal	5096677
CIELab	74.01, -23.06, -26.18
CIELCh	74, 34.893, 228.623
Yxy	46.7148, 0.2241, 0.2834
Android (android.graphics.Color)	4283286757 (0xFF4DC4E5)
YUV	164.1810, 31.9558, -76.4577
Hunter-Lab	68.3482, -23.1271, -22.5935

Details

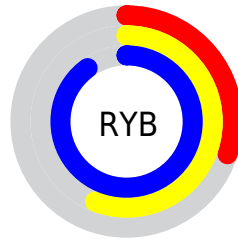
The Decimal color **5096677** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **15035981**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **9371135**, and **36525** is the 20% darker color. If you saturate the color by 10%, you get **3588069**, and if you desaturate by 10%, it is **6605285**.

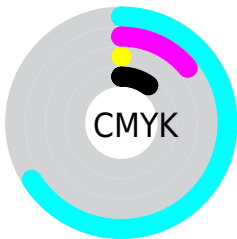
Distribution



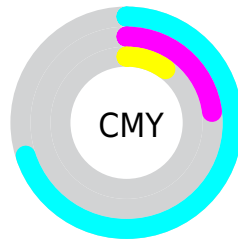
- Red (30%)
- Green (77%)
- Blue (90%)



- Red (30%)
- Yellow (56%)
- Blue (90%)



- Cyan (66%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5096677 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 5096677 by changing the saturation by 10% instead.

■ 5096677

■ 5096677

16777215

■ 2337225

■ 9371135

■ 36525

■ 11337727

■ 29843

■ 13303807

■ 23417

■ 15335423

■ 17504

■ 11592

■ 6449

■ 540

■ 0

■ 5096677

■ 5096677

■ 3588069

■ 6605285

■ 2079461

■ 8113893

■ 570853

■ 9622501

■ 46053

■ 11131109

■ 12574181

■ 14082789

■ 15591397

■ 16772325

■ 16773605

Harmonies

Analogous

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



4966345



5096677



7847412

Triad

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



5096677



15572932



12106360

Complementary

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



5096677



15035981

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.



14135415



5096677



16162467

Square

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



5096677



13805537



15574407



9683595

Rectangle

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



5096677



10073845



15574407



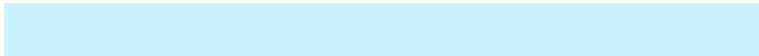
12826486

Sweetspot

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



5096677



13432063



5105006



6388096



0



8421504

Same Dimension

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



5096677



3396607



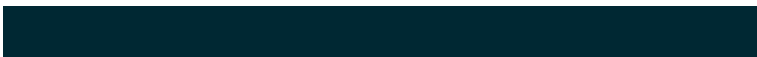
5077221



6778995



36019



10291

Inverse Universe

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



15027652



16724947



15055437



7563120



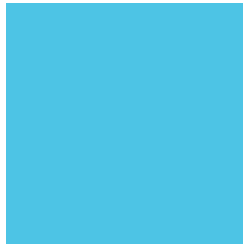
11731084



3342376

Previews

White Background



This preview shows how the Decimal color 5096677 looks on a white background.

Color Contrast Check

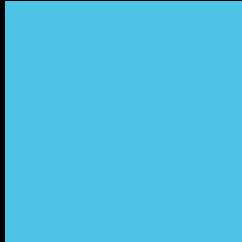
Large Text (above 18pt) WCAG AA × Fail

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 5096677 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 5096677 Background



This preview shows how black text looks on a background with the Decimal color 5096677.



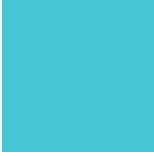
This preview shows how white text looks on a background with the Decimal color 5096677.

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
4572887

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5096677 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 #4DC4E5 looks like.

```
.text, #text, p{  
    color:#4DC4E5  
}
```

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 #4DC4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC4E5
}
```

Border

The CSS property to change the border of an element to Decimal 5096677 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
#4DC4E5 }
```

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

```
.border{ border-color:#4DC4E5 }
```

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

Here you see how a box with a 4 pixel #4DC4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC4E5; -webkit-box-shadow:4px 4px  
4px 4px #4DC4E5; box-shadow:4px 4px 4px  
4px #4DC4E5 }
```

Background

The CSS property to change the background color of an element to Decimal 5096677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC4E5 }
```

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

```
.background{ background-color:#4DC4E5 }
```

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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