

Converting Colors

Decimal(4244217)

Have a look what the booklet for
Decimal(4244217) contains.

Decimal(4244217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4244217)

Conversions

Conversions Part 1

Format	Color
Hex	40C2F9
RGB	64, 194, 249
RGB Percent	25%, 76%, 98%
CMY	0.7490, 0.2392, 0.0235
CMYK	0.74, 0.22, 0.00, 0.02
HSL	198°, 94%, 61%
HSV	198°, 74%, 98%
XYZ	38.5050, 46.5131, 96.5710
YIQ	161.4000, -95.1350, -10.4550

Conversions

Conversions Part 2

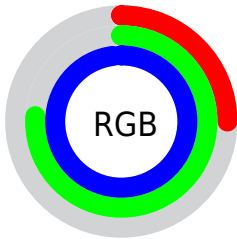
Format	Color
R _{YB}	64, 140, 249
Decimal	4244217
CIE Lab	73.88, -17.43, -37.20
CIE LCh	74, 41.081, 244.887
Yxy	46.5131, 0.2120, 0.2561
Android (android.graphics.Color)	4282434297 (0xFF40C2F9)
YUV	161.4000, 43.1868, -85.4198
Hunter-Lab	68.2005, -18.5724, -36.2135

Details

The Decimal color **4244217** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **16348992**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **8911871**, and **36032** is the 20% darker color. If you saturate the color by 10%, you get **2604025**, and if you desaturate by 10%, it is **5884409**.

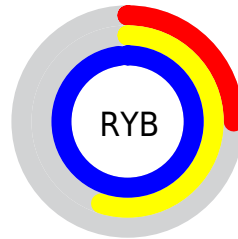
Distribution



Red (25%)

Green (76%)

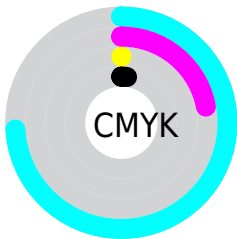
Blue (98%)



Red (25%)

Yellow (55%)

Blue (98%)

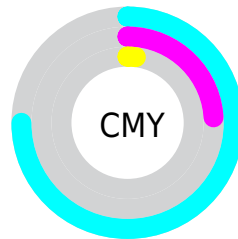


Cyan (74%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (75%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4244217 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 4244217 by changing the saturation by 10% instead.

■ 4244217

■ 4244217

16777215

■ 42972

■ 8911871

■ 36032

■ 11010047

■ 29605

■ 13041663

■ 23178

■ 15073279

■ 17265

■ 11608

■ 6720

■ 810

■ 276

■ 4244217

■ 4244217

■ 2604025

■ 5884409

■ 963577

■ 7524857

■ 45049

■ 9165049

■ 10805497

■ 12380153

■ 14020345

■ 15660793

■ 16776697

■ 16777209

Harmonies

Analogous

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



51423



4244217



8959999

Triad

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



4244217



16619697



10535030

Complementary

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



4244217



16348992

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.



13153641



4244217



16555404

Square

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



4244217



15375830



15247474



7522196

Rectangle

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



4244217



11579130



15247474



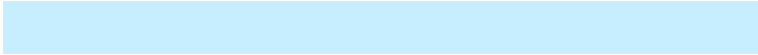
11451760

Sweetspot

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



4244217



13102847



4258164



6190720



0



8421504

Same Dimension

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



4244217



1883391



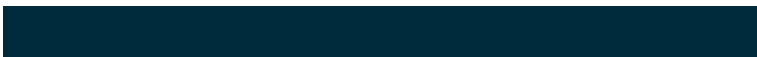
4221177



7371133



34237



11069

Inverse Universe

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



16335042



16719036



16372032



8220793



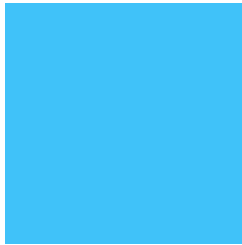
12386437



3997739

Previews

White Background



This preview shows how the Decimal color 4244217 looks on a white background.

Color Contrast Check

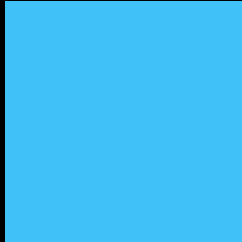
Large Text (above 18pt) WCAG AA × Fail

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 4244217 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

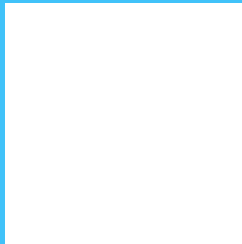
Any Text WCAG AAA ✓ Pass

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

Decimal 4244217 Background



This preview shows how black text looks on a background with the Decimal color 4244217.



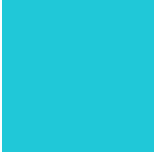
This preview shows how white text looks on a background with the Decimal color 4244217.

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



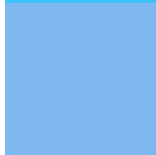


Tritanopia
2148568

Trichromacy



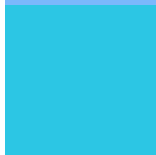
Original Color
4244217



Protanomaly
8435953



Deuteranomaly
8042748



Tritanomaly
2934500

Monochromacy



Original Color
4244217



Achromatopsia
10592673



Achromatomaly
8302017

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4244217 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 #40C2F9 looks like.

```
.text, #text, p{  
    color:#40C2F9  
}
```

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 #40C2F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40C2F9
}
```

Border

The CSS property to change the border of an element to Decimal 4244217 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
#40C2F9 }
```

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

```
.border{ border-color:#40C2F9 }
```

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

Here you see how a box with a 4 pixel #40C2F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40C2F9; -webkit-box-shadow:4px 4px  
4px 4px #40C2F9; box-shadow:4px 4px 4px  
4px #40C2F9 }
```

Background

The CSS property to change the background color of an element to Decimal 4244217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40C2F9 }
```

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

```
.background{ background-color:#40C2F9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor