

Converting Colors

Decimal(4374264)

Have a look what the booklet for
Decimal(4374264) contains.

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Color

Decimal(4374264)

Conversions

Conversions Part 1

Format	Color
Hex	42BEF8
RGB	66, 190, 248
RGB Percent	26%, 75%, 97%
CMY	0.7412, 0.2549, 0.0275
CMYK	0.73, 0.23, 0.00, 0.03
HSL	199°, 93%, 62%
HSV	199°, 73%, 97%
XYZ	37.6035, 44.7625, 95.4650
YIQ	159.5360, -92.5220, -8.2500

Conversions

Conversions Part 2

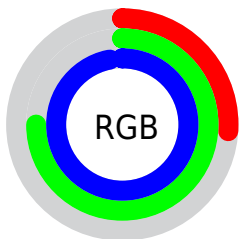
Format	Color
R _{YB}	66, 140, 248
Decimal	4374264
CIE _{Lab}	72.74, -15.42, -38.43
CIE _{LCh}	73, 41.409, 248.134
Yxy	44.7625, 0.2115, 0.2517
Android (android.graphics.Color)	4282564344 (0xFF42BEF8)
YUV	159.5360, 43.6128, -82.0311
Hunter-Lab	66.9048, -16.7583, -37.7664

Details

The Decimal color **4374264** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **16284738**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **8976127**, and **35263** is the 20% darker color. If you saturate the color by 10%, you get **2733816**, and if you desaturate by 10%, it is **6014712**.

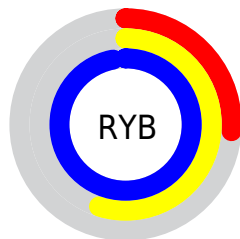
Distribution



Red (26%)

Green (75%)

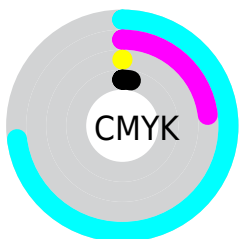
Blue (97%)



Red (26%)

Yellow (55%)

Blue (97%)

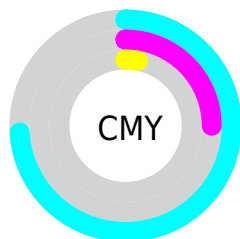


Cyan (73%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (74%)

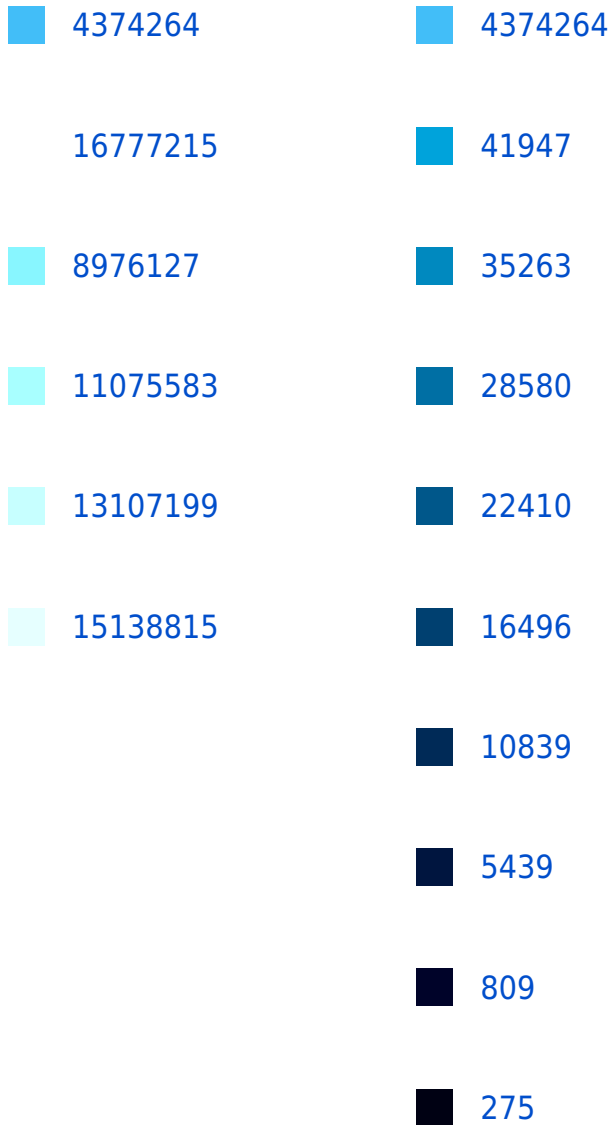
Magenta (25%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4374264 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 4374264 by changing the saturation by 10% instead.



■ 4374264

■ 4374264

■ 2733816

■ 6014712

■ 1093368

■ 7655160

■ 43512

■ 9230072

■ 10870520

■ 12510968

■ 14151160

■ 15791608

■ 16776696

■ 16777208

Harmonies

Analogous

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



50656



4374264



9155581

Triad

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



4374264



16487593



10010229

Complementary

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



4374264



16284738

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.



12694630



4374264



16226950

Square

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



4374264



15374800



14853997



6866069

Rectangle

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



4374264



11774709



14853997



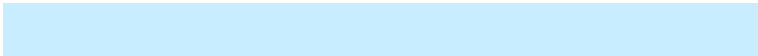
10926958

Sweetspot

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



4374264



13102591



4388988



6190464



0



8421504

Same Dimension

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



4374264



2078719



4350968



7371133



33213



10813

Inverse Universe

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



16270014



16719799



16308034



8220793



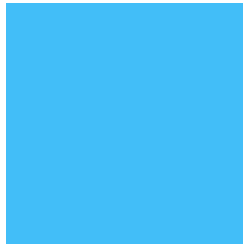
12386433



3997738

Previews

White Background



This preview shows how the Decimal color 4374264 looks on a white background.

Color Contrast Check

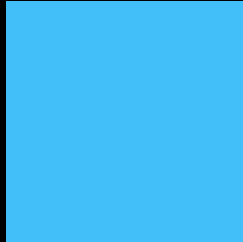
Large Text (above 18pt) WCAG AA × Fail

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 4374264 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

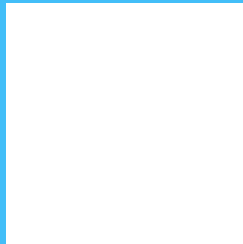
Any Text WCAG AAA ✓ Pass

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

Decimal 4374264 Background



This preview shows how black text looks on a background with the Decimal color 4374264.



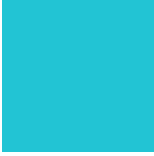
This preview shows how white text looks on a background with the Decimal color 4374264.

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



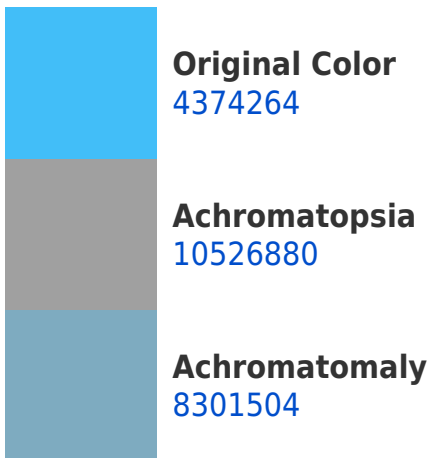


Tritanopia
2278612

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4374264 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 #42BEF8 looks like.

```
.text, #text, p{  
    color:#42BEF8  
}
```

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 #42BEF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42BEF8
}
```

Border

The CSS property to change the border of an element to Decimal 4374264 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
#42BEF8 }
```

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

```
.border{ border-color:#42BEF8 }
```

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

Here you see how a box with a 4 pixel #42BEF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42BEF8; -webkit-box-shadow:4px 4px  
4px 4px #42BEF8; box-shadow:4px 4px 4px  
4px #42BEF8 }
```

Background

The CSS property to change the background color of an element to Decimal 4374264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42BEF8 }
```

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

```
.background{ background-color:#42BEF8 }
```

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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