

Converting Colors

Decimal(4448241)

Have a look what the booklet for
Decimal(4448241) contains.

Decimal(4448241)	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(4448241)

Conversions

Conversions Part 1

Format	Color
Hex	43DFF1
RGB	67, 223, 241
RGB Percent	26%, 87%, 95%
CMY	0.7373, 0.1255, 0.0549
CMYK	0.72, 0.07, 0.00, 0.05
HSL	186°, 86%, 60%
HSV	186°, 72%, 95%
XYZ	44.5796, 60.3195, 92.5123
YIQ	178.4080, -98.7540, -27.4740

Conversions

Conversions Part 2

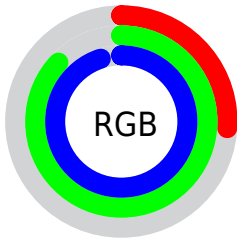
Format	Color
R _{YB}	67, 149, 241
Decimal	4448241
CIE Lab	82.01, -33.98, -20.44
CIE LCh	82, 39.658, 211.029
Yxy	60.3195, 0.2258, 0.3056
Android (android.graphics.Color)	4282638321 (0xFF43DFF1)
YUV	178.4080, 30.8579, -97.7048
Hunter-Lab	77.6656, -33.4570, -16.2580

Details

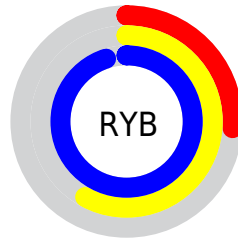
The Decimal color **4448241** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **15816003**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **9109503**, and **42937** is the 20% darker color. If you saturate the color by 10%, you get **2874865**, and if you desaturate by 10%, it is **6021617**.

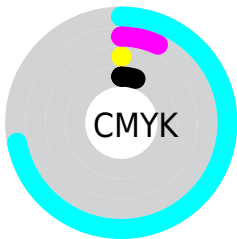
Distribution



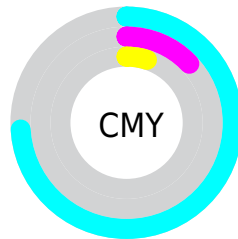
- Red (26%)
- Green (87%)
- Blue (95%)



- Red (26%)
- Yellow (58%)
- Blue (95%)



- Cyan (72%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)

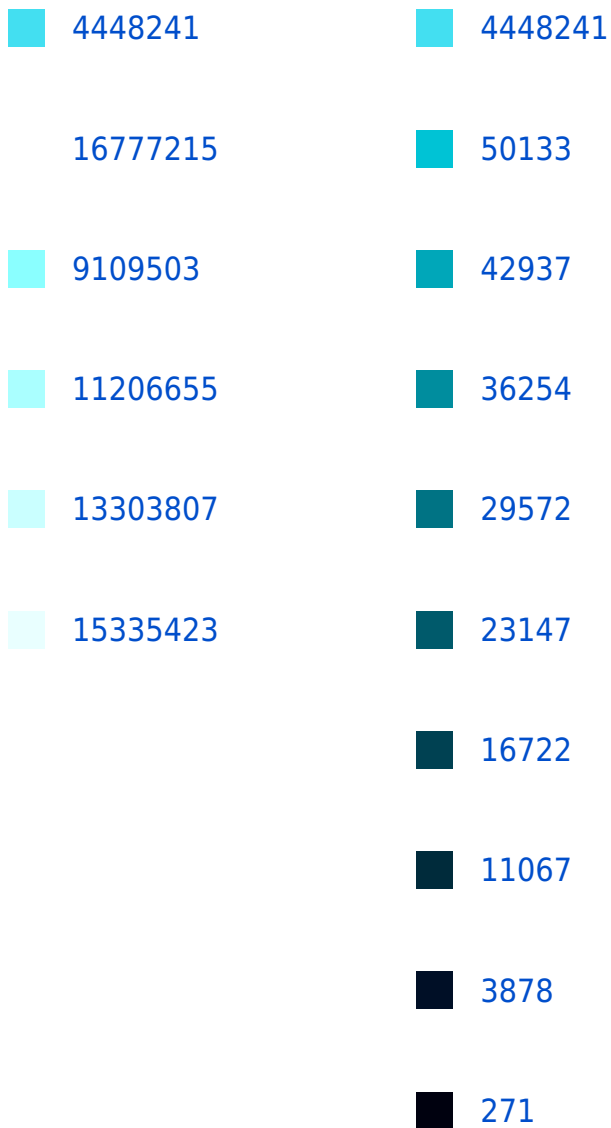


- Cyan (74%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4448241 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 4448241 by changing the saturation by 10% instead.



■ 4448241

■ 4448241

■ 2874865

■ 6021617

■ 1301233

■ 7595249

■ 55537

■ 9168625

■ 10742257

■ 12315633

■ 13954801

■ 15528177

■ 16774129

■ 16774641

Harmonies

Analogous

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



6545612



4448241



6281727

Triad

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



4448241



16561905



14994049

Complementary

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



4448241



15816003

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.



16760204



4448241



16756684

Square

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



4448241



13812479



16757671



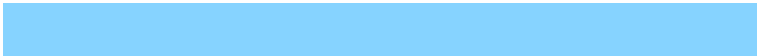
12440971

Rectangle

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



4448241



8836095



16757671



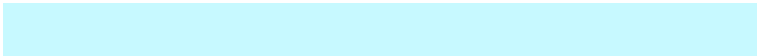
15713922

Sweetspot

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



4448241



13105663



4452692



6192256



0



8421504

Same Dimension

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



4448241



2222335



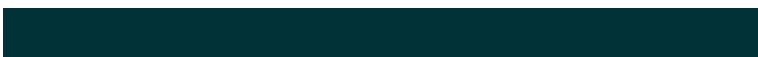
4426225



7108472



42424



12856

Inverse Universe

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



15811551



16720360



15838019



7892087



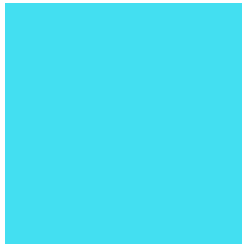
12058789



3670066

Previews

White Background



This preview shows how the Decimal color 4448241 looks on a white background.

Color Contrast Check

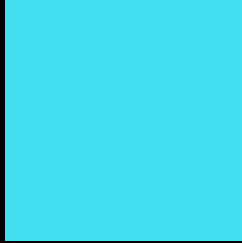
Large Text (above 18pt) WCAG AA × Fail

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 4448241 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 4448241 Background



This preview shows how black text looks on a background with the Decimal color 4448241.

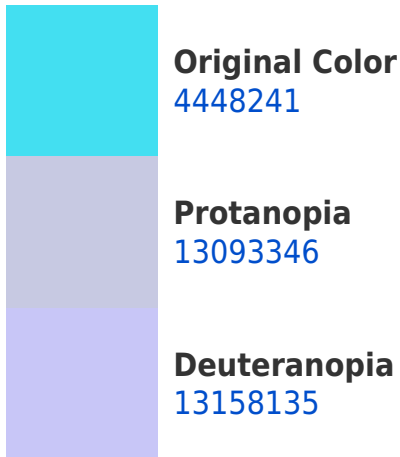


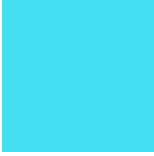
This preview shows how white text looks on a background with the Decimal color 4448241.

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



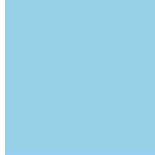


Tritanopia
4448241

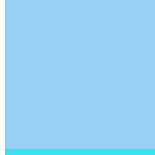
Trichromacy



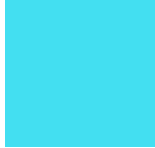
Original Color
4448241



Protanomaly
9949671



Deuteranomaly
10014709

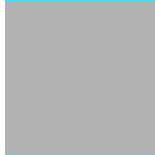


Tritanomaly
4448241

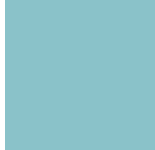
Monochromacy



Original Color
4448241



Achromatopsia
11711154



Achromatomaly
9093833

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4448241 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 #43DFF1 looks like.

```
.text, #text, p{  
    color:#43DFF1  
}
```

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 #43DFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43DFF1
}
```

Border

The CSS property to change the border of an element to Decimal 4448241 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
#43DFF1 }
```

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

```
.border{ border-color:#43DFF1 }
```

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

Here you see how a box with a 4 pixel #43DFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43DFF1; -webkit-box-shadow:4px 4px  
4px 4px #43DFF1; box-shadow:4px 4px 4px  
4px #43DFF1 }
```

Background

The CSS property to change the background color of an element to Decimal 4448241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43DFF1 }
```

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

```
.background{ background-color:#43DFF1 }
```

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