

Converting Colors

Decimal(14942201)

Have a look what the booklet for
Decimal(14942201) contains.

Decimal(14942201)	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(14942201)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFF9
RGB	227, 255, 249
RGB Percent	89%, 100%, 98%
CMY	0.1098, 0.0000, 0.0235
CMYK	0.11, 0.00, 0.02, 0.00
HSL	167°, 100%, 95%
HSV	167°, 11%, 100%
XYZ	84.5374, 94.6904, 103.4440
YIQ	245.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

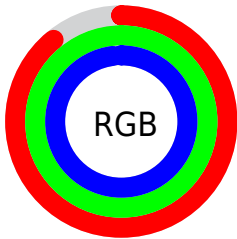
Format	Color
R_{YB}	227, 243, 255
Decimal	14942201
CIE _{Lab}	97.91, -10.14, -0.22
CIE _{LCh}	98, 10.145, 181.226
Yxy	94.6904, 0.2991, 0.3350
Android (android.graphics.Color)	4293132281 (0xFFE3FFF9)
YUV	245.9440, 1.5066, -16.6139
Hunter-Lab	97.3090, -15.2185, 5.0883

Details

The Decimal color **14942201** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **16770025**, and the grayscale version is **16185078**.

A 20% lighter version of the original color is **16777215**, and **11257537** is the 20% darker color. If you saturate the color by 10%, you get **13303796**, and if you desaturate by 10%, it is **16580606**.

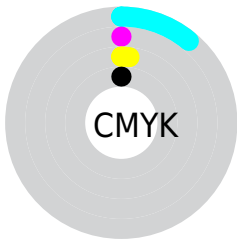
Distribution



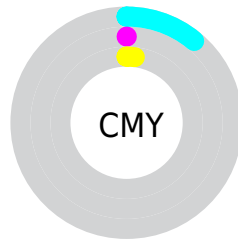
- Red (89%)
- Green (100%)
- Blue (98%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14942201 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 14942201 by changing the saturation by 10% instead.

 14942201

 14942201

16777215

 13099740


 11257537

 9546661

 7835787

 6190962

 4611673

 3098178

 1650732

 138007

14942201

14942201

13303796

16580606

11599854

16777215

9895913

8257507

6553566

4915160

3276755

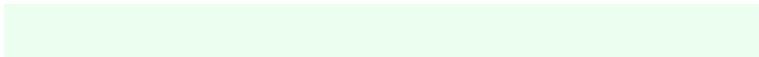
1572813

65480

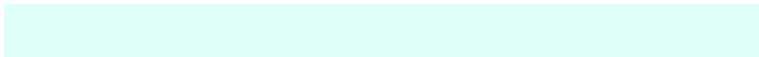
Harmonies

Analogous

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



15466223



14942201



14811135

Triad

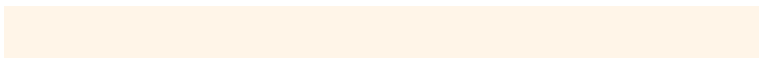
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14942201



16578303



16774632

Complementary

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



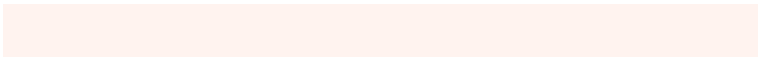
14942201



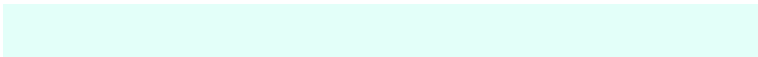
16770025

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.



16774127



14942201



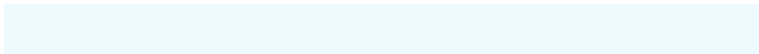
16774399

Square

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



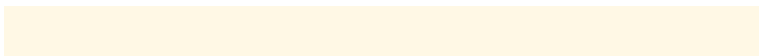
14942201



15727359



16773881



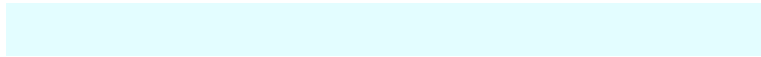
16775397

Rectangle

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



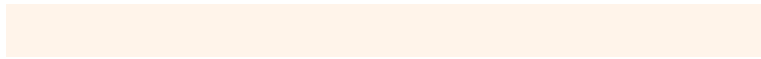
14942201



14941695



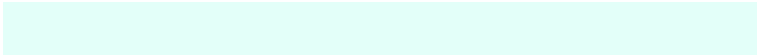
16773881



16774378

Sweetspot

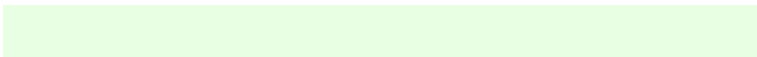
The Sweet Spot groups the original color and five complimentary colors.



14942201



16252925



15335395



8028286



0



8421504

Same Dimension

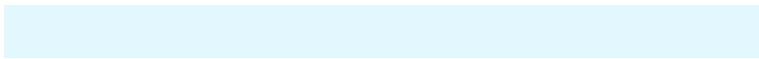
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14942201



14614520



14940159



7569533



49046



16434

Inverse Universe

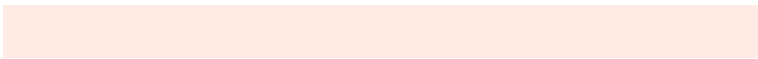
The Inverse Universe completely reimagines the original color for something new.



16770025



16768741



16772067



8418165



12517417



4194318

Previews

White Background



This preview shows how the Decimal color 14942201 looks on a white background.

Color Contrast Check

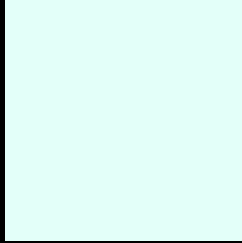
Large Text (above 18pt) WCAG AA × Fail

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 14942201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

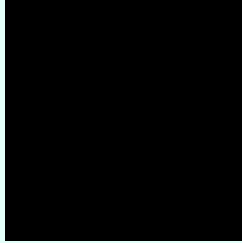
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

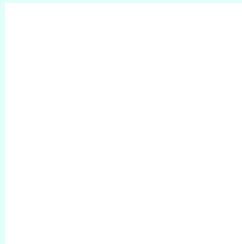
Any Text WCAG AAA ✓ Pass

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

Decimal 14942201 Background



This preview shows how black text looks on a background with the Decimal color 14942201.



This preview shows how white text looks on a background with the Decimal color 14942201.

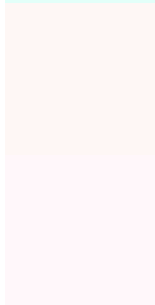
Color Blindness Simulation

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



Original Color
14942201



Protanopia
16709621

Deuteranopia
16775162

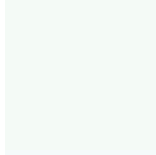


Tritanopia
16054783

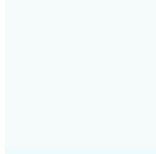
Trichromacy



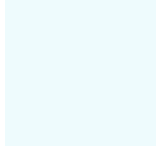
Original Color
14942201



Protanomaly
16055030



Deuteranomaly
16120570

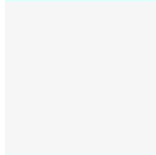


Tritanomaly
15662077

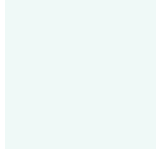
Monochromacy



Original Color
14942201



Achromatopsia
16185078



Achromatomaly
15727095

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14942201 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 #E3FFF9 looks like.

```
.text, #text, p{  
    color:#E3FFF9  
}
```

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 #E3FFF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3FFF9
}
```

Border

The CSS property to change the border of an element to Decimal 14942201 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
#E3FFF9 }
```

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

```
.border{ border-color:#E3FFF9 }
```

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

Here you see how a box with a 4 pixel #E3FFF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3FFF9; -webkit-box-shadow:4px 4px  
4px 4px #E3FFF9; box-shadow:4px 4px 4px  
4px #E3FFF9 }
```

Background

The CSS property to change the background color of an element to Decimal 14942201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3FFF9 }
```

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

```
.background{ background-color:#E3FFF9 }
```

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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