

Converting Colors

Decimal(12646911)

Have a look what the booklet for
Decimal(12646911) contains.

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Color

Decimal(12646911)

Conversions

Conversions Part 1

Format	Color
Hex	C0F9FF
RGB	192, 249, 255
RGB Percent	75%, 98%, 100%
CMY	0.2471, 0.0235, 0.0000
CMYK	0.25, 0.02, 0.00, 0.00
HSL	186°, 100%, 88%
HSV	186°, 25%, 100%
XYZ	73.6639, 86.1778, 107.3592
YIQ	232.6410, -35.8980, -10.2180

Conversions

Conversions Part 2

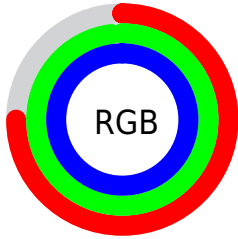
Format	Color
R _Y B	192, 222, 255
Decimal	12646911
CIE Lab	94.39, -16.53, -8.74
CIE LCh	94, 18.701, 207.856
Yxy	86.1778, 0.2757, 0.3225
Android (android.graphics.Color)	4290836991 (0xFFC0F9FF)
YUV	232.6410, 11.0230, -35.6422
Hunter-Lab	92.8320, -20.8130, -3.5858

Details

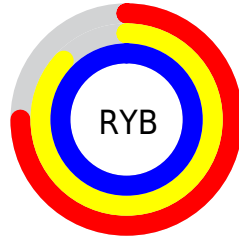
The Decimal color **12646911** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **16762560**, and the grayscale version is **15329769**.

A 20% lighter version of the original color is **16449535**, and **9027782** is the 20% darker color. If you saturate the color by 10%, you get **11007999**, and if you desaturate by 10%, it is **14351359**.

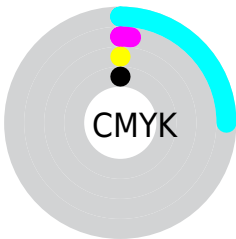
Distribution



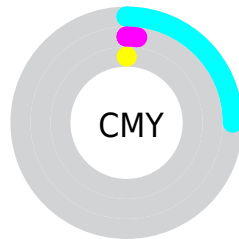
- Red (75%)
- Green (98%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12646911 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 12646911 by changing the saturation by 10% instead.

 12646911	 12646911
 16777215	 10804450
 16449535	 9027782
	 7251371
	 5540753
	 3830135
	 2054494
	 16711
	 11056
	 6171

■ 12646911

■ 12646911

■ 11007999

■ 14351359

■ 9303295

■ 15990527

■ 7664383

16777215

■ 5959679

■ 4320767

■ 2616063

■ 977151

■ 59391

Harmonies

Analogous

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



13040109



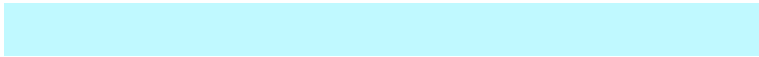
12646911



13104895

Triad

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



12646911



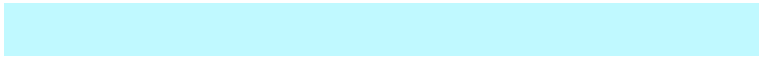
16770559



16772555

Complementary

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



12646911



16762560

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.



16771025



12646911



16770033

Square

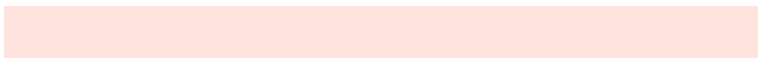
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12646911



15854591



16770015



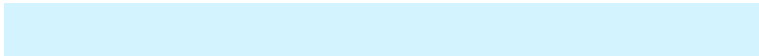
15463375

Rectangle

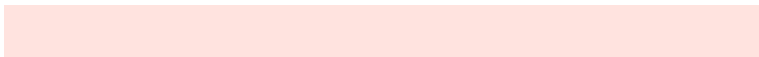
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12646911



13890559



16770015



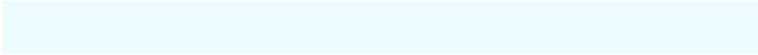
16772044

Sweetspot

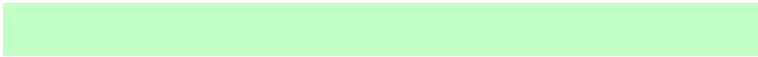
The Sweet Spot groups the original color and five complimentary colors.



12646911



15597055



12648389



7700352



0



8421504

Same Dimension

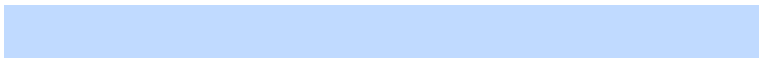
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12646911



11794687



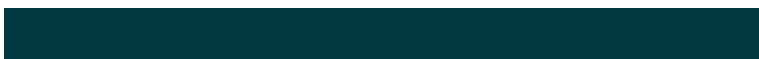
12638975



7569024



44479



14912

Inverse Universe

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



16761081



16757752



16770496



8418174



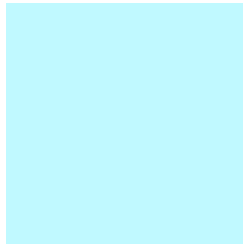
12517549



4194362

Previews

White Background



This preview shows how the Decimal color 12646911 looks on a white background.

Color Contrast Check

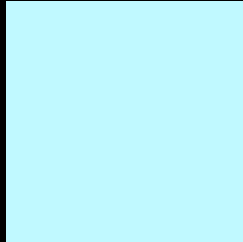
Large Text (above 18pt) WCAG AA × Fail

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 12646911 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 12646911 Background



This preview shows how black text looks on a background with the Decimal color 12646911.

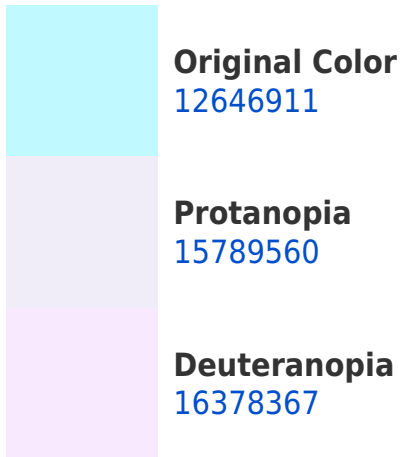


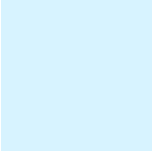
This preview shows how white text looks on a background with the Decimal color 12646911.

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



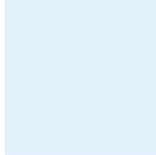


Tritanopia
14152703

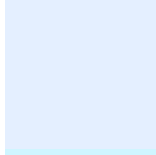
Trichromacy



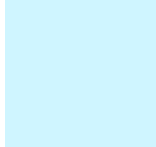
Original Color
12646911



Protanomaly
14676475



Deuteranomaly
15003647

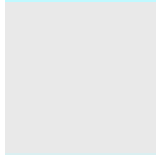


Tritanomaly
13628927

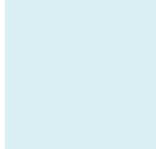
Monochromacy



Original Color
12646911



Achromatopsia
15329769



Achromatomaly
14348273

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12646911 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 #C0F9FF looks like.

```
.text, #text, p{  
    color:#C0F9FF  
}
```

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 #C0F9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0F9FF
}
```

Border

The CSS property to change the border of an element to Decimal 12646911 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
#C0F9FF }
```

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

```
.border{ border-color:#C0F9FF }
```

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

Here you see how a box with a 4 pixel `#C0F9FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0F9FF; -webkit-box-shadow:4px 4px  
4px 4px #C0F9FF; box-shadow:4px 4px 4px  
4px #C0F9FF }
```

Background

The CSS property to change the background color of an element to Decimal 12646911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0F9FF }
```

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

```
.background{ background-color:#C0F9FF }
```

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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