

Converting Colors

Decimal(4914646)

Have a look what the booklet for
Decimal(4914646) contains.

Decimal(4914646)	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(4914646)

Conversions

Conversions Part 1

Format	Color
Hex	4AFDD6
RGB	74, 253, 214
RGB Percent	29%, 99%, 84%
CMY	0.7098, 0.0078, 0.1608
CMYK	0.71, 0.00, 0.15, 0.01
HSL	167°, 98%, 64%
HSV	167°, 71%, 99%
XYZ	50.0869, 76.5614, 75.7563
YIQ	195.0330, -94.1650, -50.0770

Conversions

Conversions Part 2

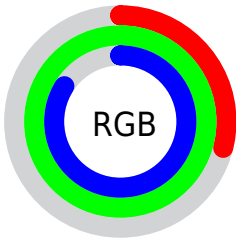
Format	Color
RYB	74, 174, 253
Decimal	4914646
CIELab	90.12, -53.55, 5.74
CIELCh	90, 53.857, 173.879
Yxy	76.5614, 0.2475, 0.3783
Android (android.graphics.Color)	4283104726 (0xFF4AFDD6)
YUV	195.0330, 9.3507, -106.1459
Hunter-Lab	87.4994, -50.9459, 9.9167

Details

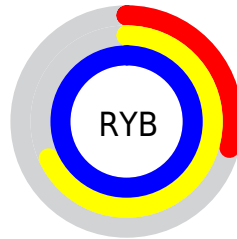
The Decimal color **4914646** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **16599665**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **9502719**, and **50079** is the 20% darker color. If you saturate the color by 10%, you get **3276240**, and if you desaturate by 10%, it is **6553052**.

Distribution



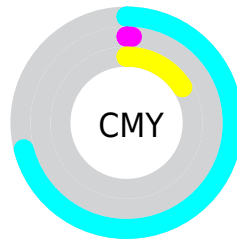
- Red (29%)
- Green (99%)
- Blue (84%)



- Red (29%)
- Yellow (68%)
- Blue (99%)



- Cyan (71%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)



- Cyan (71%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4914646 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 4914646 by changing the saturation by 10% instead.



■ 4914646

■ 4914646

■ 3276240

■ 6553052

■ 1572299

■ 8256993

■ 64966

■ 9895399

■ 11533804

■ 13237746

■ 14876151

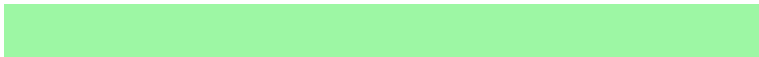
■ 16514557

■ 16776703

Harmonies

Analogous

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



10352548



4914646



65023

Triad

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



4914646



14211583



16763537

Complementary

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



4914646



16599665

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.



16759996



4914646



16762623

Square

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



4914646



8055807



16759535



16768123

Rectangle

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



4914646



64255



16759535



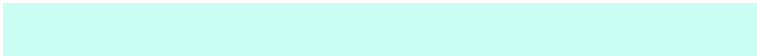
16762014

Sweetspot

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



4914646



13238259



7667018



6324345



0



8421504

Same Dimension

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



4914646



2555856



4902397



7569533



49046



16434

Inverse Universe

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



16599665



16721493



16611914



8418166



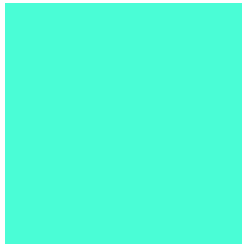
12517418



4194318

Previews

White Background



This preview shows how the Decimal color 4914646 looks on a white background.

Color Contrast Check

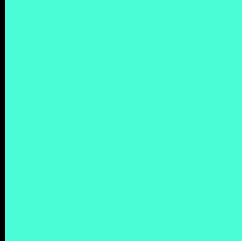
Large Text (above 18pt) WCAG AA × Fail

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 4914646 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 4914646 Background



This preview shows how black text looks on a background with the Decimal color 4914646.




This preview shows how white text looks on a background with the Decimal color 4914646.

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



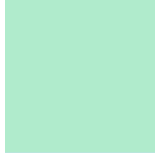


Tritanopia
9761023

Trichromacy



Original Color
4914646



Protanomaly
11594700



Deuteranomaly
12117723

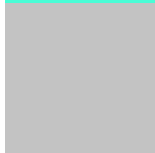


Tritanomaly
7992816

Monochromacy



Original Color
4914646



Achromatopsia
12829635



Achromatomaly
9951434

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4914646 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 #4AFDD6 looks like.

```
.text, #text, p{  
    color:#4AFDD6  
}
```

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 #4AFDD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AFDD6
}
```

Border

The CSS property to change the border of an element to Decimal 4914646 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
#4AFDD6 }
```

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

```
.border{ border-color:#4AFDD6 }
```

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

Here you see how a box with a 4 pixel #4AFDD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AFDD6; -webkit-box-shadow:4px 4px  
4px 4px #4AFDD6; box-shadow:4px 4px 4px  
4px #4AFDD6 }
```

Background

The CSS property to change the background color of an element to Decimal 4914646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AFDD6 }
```

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

```
.background{ background-color:#4AFDD6 }
```

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