

Converting Colors

Decimal(4714495)

Have a look what the booklet for
Decimal(4714495) contains.

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Color

Decimal(4714495)

Conversions

Conversions Part 1

Format	Color
Hex	47EFFF
RGB	71, 239, 255
RGB Percent	28%, 94%, 100%
CMY	0.7216, 0.0627, 0.0000
CMYK	0.72, 0.06, 0.00, 0.00
HSL	185°, 100%, 64%
HSV	185°, 72%, 100%
XYZ	51.5150, 70.2926, 105.4604
YIQ	190.5920, -105.2640, -30.6400

Conversions

Conversions Part 2

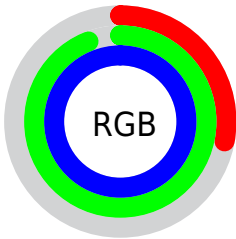
Format	Color
RYB	71, 159, 255
Decimal	4714495
CIELab	87.14, -36.91, -20.05
CIElCh	87, 42.003, 208.519
Yxy	70.2926, 0.2267, 0.3093
Android (android.graphics.Color)	4282904575 (0xFF47EFFF)
YUV	190.5920, 31.7531, -104.8822
Hunter-Lab	83.8407, -37.0437, -15.8905

Details

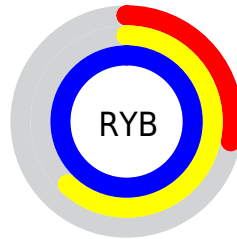
The Decimal color **4714495** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **16734023**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **9502719**, and **46790** is the 20% darker color. If you saturate the color by 10%, you get **3075583**, and if you desaturate by 10%, it is **6418943**.

Distribution



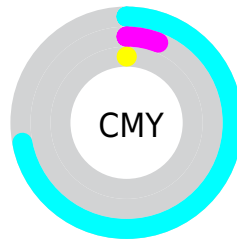
- Red (28%)
- Green (94%)
- Blue (100%)



- Red (28%)
- Yellow (62%)
- Blue (100%)



- Cyan (72%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)

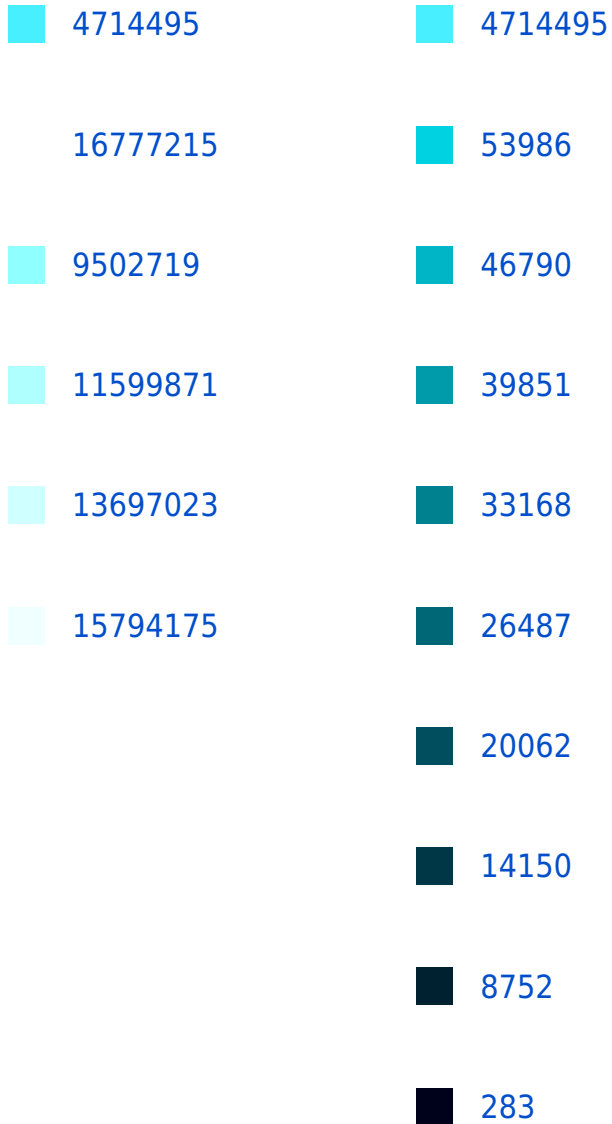


- Cyan (72%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4714495 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 4714495 by changing the saturation by 10% instead.



■ 4714495

■ 4714495

■ 3075583

■ 6418943

■ 1371135

■ 8057855

■ 59903

■ 9697023

■ 11401471

■ 13105919

■ 14744831

■ 16449535

16777215

Harmonies

Analogous

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



7205079



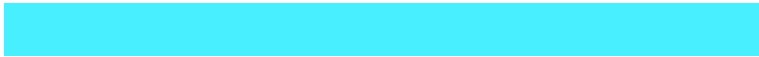
4714495



6351359

Triad

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



4714495



16761855



16242570

Complementary

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



4714495



16734023

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.



16763287



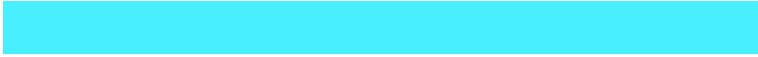
4714495



16760030

Square

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



4714495



14471679



16760758



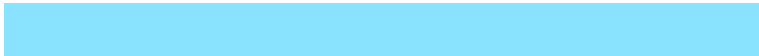
13558675

Rectangle

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



4714495



9036799



16760758



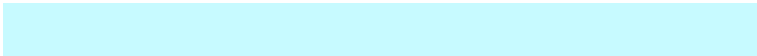
16765836

Sweetspot

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



4714495



13105919



4718422



6192512



0



8421504

Same Dimension

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



4714495



2223359



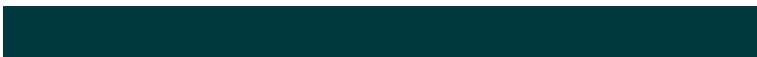
4691199



7569024



44991



14912

Inverse Universe

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



16730095



16720364



16757319



8418174



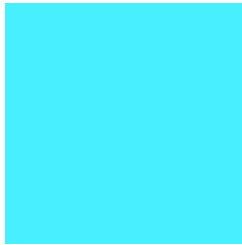
12517551



4194362

Previews

White Background



This preview shows how the Decimal color 4714495 looks on a white background.

Color Contrast Check

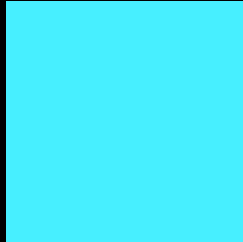
Large Text (above 18pt) WCAG AA × Fail

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 4714495 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 4714495 Background



This preview shows how black text looks on a background with the Decimal color 4714495.

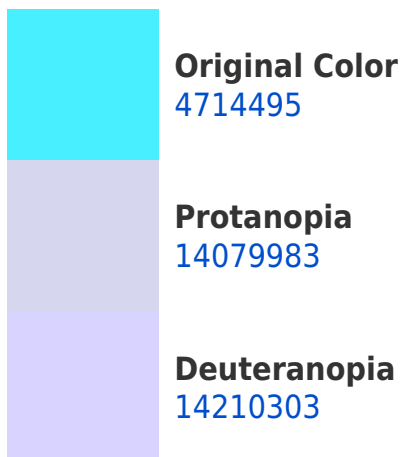


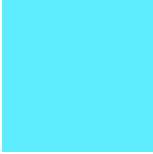
This preview shows how white text looks on a background with the Decimal color 4714495.

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





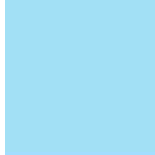
Tritanopia
6221311

Trichromacy



Original Color

4714495



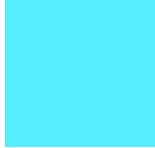
Protanomaly

10674421



Deuteranomaly

10739455



Tritanomaly

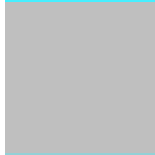
5697279

Monochromacy



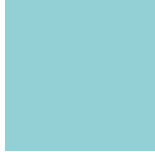
Original Color

4714495



Achromatopsia

12566463



Achromatomaly

9687254

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4714495 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 #47EFFF looks like.

```
.text, #text, p{  
    color:#47EFFF  
}
```

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 #47EFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47EFFF }  
}
```

Border

The CSS property to change the border of an element to Decimal 4714495 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 #47EFFF }  
}
```

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

```
.border{ border-color:#47EFFF }
```

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

Here you see how a box with a 4 pixel #47EFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47EFFF; -webkit-box-shadow:4px 4px  
4px 4px #47EFFF; box-shadow:4px 4px 4px  
4px #47EFFF }
```

Background

The CSS property to change the background color of an element to Decimal 4714495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47EFFF }
```

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

```
.background{ background-color:#47EFFF }
```

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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