

Converting Colors

Decimal(4706815)

Have a look what the booklet for
Decimal(4706815) contains.

Decimal(4706815)	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(4706815)

Conversions

Conversions Part 1

Format	Color
Hex	47D1FF
RGB	71, 209, 255
RGB Percent	28%, 82%, 100%
CMY	0.7216, 0.1804, 0.0000
CMYK	0.72, 0.18, 0.00, 0.00
HSL	195°, 100%, 64%
HSV	195°, 72%, 100%
XYZ	43.4490, 54.1605, 102.7718
YIQ	172.9820, -97.0140, -14.9500

Conversions

Conversions Part 2

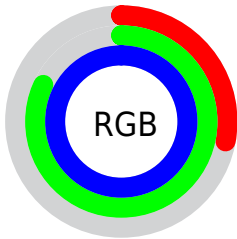
Format	Color
R _Y B	71, 150, 255
Decimal	4706815
CIE Lab	78.56, -22.40, -33.16
CIE LCh	79, 40.015, 235.963
Yxy	54.1605, 0.2168, 0.2703
Android (android.graphics.Color)	4282896895 (0xFF47D1FF)
YUV	172.9820, 40.4349, -89.4382
Hunter-Lab	73.5938, -23.4047, -31.2812

Details

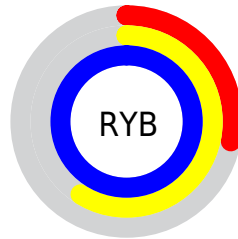
The Decimal color **4706815** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **16741703**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **9306111**, and **39622** is the 20% darker color. If you saturate the color by 10%, you get **3066879**, and if you desaturate by 10%, it is **6412287**.

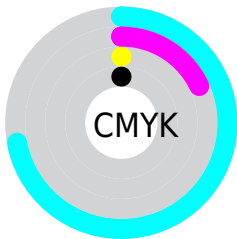
Distribution



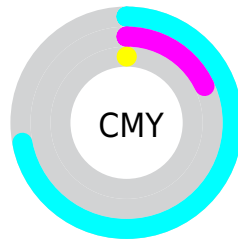
- Red (28%)
- Green (82%)
- Blue (100%)



- Red (28%)
- Yellow (59%)
- Blue (100%)



- Cyan (72%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4706815 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 4706815 by changing the saturation by 10% instead.

 4706815

 4706815

16777215

 505314

 9306111

 39622

 11403263

 32939

 13500415

 26512

 15532031

 20342

 14429

 9029

 1071

 281

■ 4706815

■ 4706815

■ 3066879

■ 6412287

■ 1361151

■ 8052479

■ 49151

■ 9692415

■ 11398143

■ 13103615

■ 14743551

■ 16449279

16777215

Harmonies

Analogous

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



3331810



4706815



8767743

Triad

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



4706815



16754377



12241534

Complementary

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



4706815



16741703

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.



14728824



4706815



16754852

Square

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



4706815



15576813



16560774



9360024

Rectangle

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



4706815



11386879



16560774



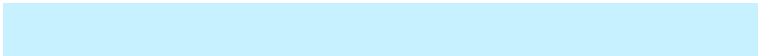
13092474

Sweetspot

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



4706815



13103615



4718453



6190976



0



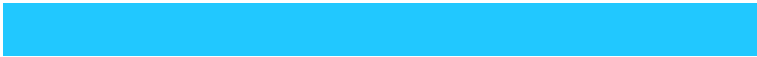
8421504

Same Dimension

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



4706815



2214143



4683263



7568512



36799



12352

Inverse Universe

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



16730065



16720328



16765255



8418172



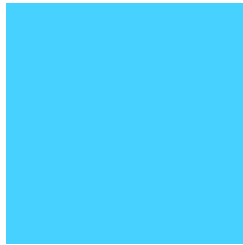
12517519



4194352

Previews

White Background



This preview shows how the Decimal color 4706815 looks on a white background.

Color Contrast Check

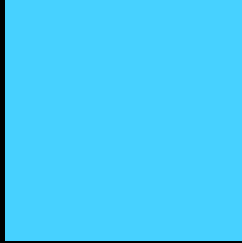
Large Text (above 18pt) WCAG AA × Fail

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 4706815 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 4706815 Background



This preview shows how black text looks on a background with the Decimal color 4706815.



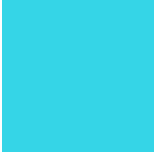
This preview shows how white text looks on a background with the Decimal color 4706815.

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
3528167

Trichromacy



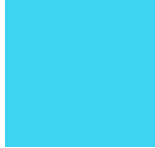
Original Color
4706815



Protanomaly
9225975



Deuteranomaly
9094655

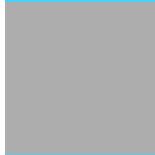


Tritanomaly
3986672

Monochromacy



Original Color
4706815



Achromatopsia
11382189



Achromatomaly
8960715

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4706815 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 #47D1FF looks like.

```
.text, #text, p{  
    color:#47D1FF  
}
```

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 #47D1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D1FF  
}
```

Border

The CSS property to change the border of an element to Decimal 4706815 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  
#47D1FF }
```

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

```
.border{ border-color:#47D1FF }
```

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

Here you see how a box with a 4 pixel #47D1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D1FF; -webkit-box-shadow:4px 4px  
4px 4px #47D1FF; box-shadow:4px 4px 4px  
4px #47D1FF }
```

Background

The CSS property to change the background color of an element to Decimal 4706815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D1FF }
```

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

```
.background{ background-color:#47D1FF }
```

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