

Converting Colors

RGB(74, 230, 248)

Have a look what the booklet for
RGB(74, 230, 248) contains.

RGB(74, 230, 248)	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

RGB(74, 230, 248)

Conversions

Conversions Part 1

Format	Color
Hex	4AE6F8
RGB	74, 230, 248
RGB Percent	29%, 90%, 97%
CMY	0.7098, 0.0980, 0.0275
CMYK	0.70, 0.07, 0.00, 0.03
HSL	186°, 93%, 63%
HSV	186°, 70%, 97%
XYZ	48.0641, 64.8268, 98.7865
YIQ	185.4080, -98.7540, -27.4740

Conversions

Conversions Part 2

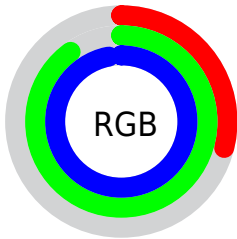
Format	Color
R _Y B	74, 156, 248
Decimal	4908792
CIE Lab	84.39, -34.39, -20.52
CIE LCh	84, 40.044, 210.831
Yxy	64.8268, 0.2271, 0.3063
Android (android.graphics.Color)	4283098872 (0xFF4AE6F8)
YUV	185.4080, 30.8579, -97.7048
Hunter-Lab	80.5151, -34.3444, -16.3842

Details

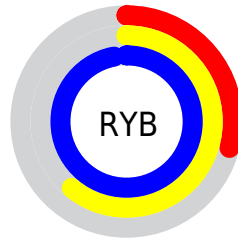
The RGB color **74, 230, 248** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **248, 92, 74**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **144, 255, 255**, and **0, 174, 192** is the 20% darker color. If you saturate the color by 10%, you get **49, 227, 248**, and if you desaturate by 10%, it is **99, 233, 248**.

Distribution



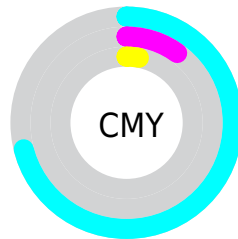
- Red (29%)
- Green (90%)
- Blue (97%)



- Red (29%)
- Yellow (61%)
- Blue (97%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



















- Cyan (71%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 230, 248 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 RGB color 74, 230, 248 by changing the saturation by 10% instead.

 74, 230, 248	 74, 230, 248
 255, 255, 255	 15, 202, 219
 144, 255, 255	 0, 174, 192
 176, 255, 255	 0, 147, 164
 208, 255, 255	 0, 121, 138
 239, 255, 255	 0, 96, 113
	 0, 71, 88
	 0, 48, 65
	 0, 26, 43
	 0, 1, 22

■ 74, 230, 248

■ 74, 230, 248

■ 49, 227, 248

■ 99, 233, 248

■ 24, 225, 248

■ 124, 235, 248

■ 0, 222, 248

■ 148, 238, 248

■ 173, 240, 248

■ 198, 243, 248

■ 223, 245, 248

■ 248, 248, 248

■ 255, 251, 248

■ 255, 253, 248

Harmonies

Analogous

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



105, 231, 210



74, 230, 248



101, 224, 255

Triad

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



74, 230, 248



255, 188, 248



235, 209, 135

Complementary

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



74, 230, 248



248, 92, 74

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.



255, 196, 146



74, 230, 248



255, 182, 211

Square

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



74, 230, 248



217, 200, 255



255, 185, 174



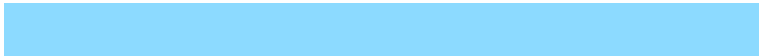
195, 220, 145

Rectangle

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



74, 230, 248



140, 218, 255



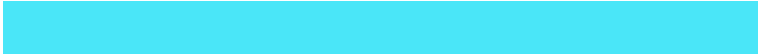
255, 185, 174



247, 204, 136

Sweetspot

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



74, 230, 248



201, 249, 255



74, 248, 91



96, 124, 128



0, 0, 0



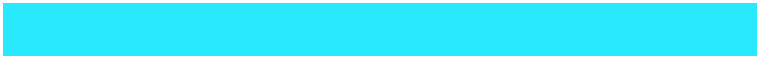
128, 128, 128

Same Dimension

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



74, 230, 248



41, 233, 255



74, 144, 248



112, 124, 125



0, 169, 189



0, 55, 61

Inverse Universe

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



248, 74, 230



255, 41, 233



248, 178, 74



125, 112, 124



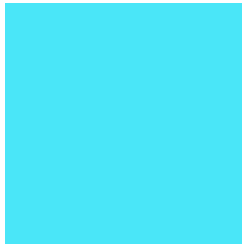
189, 0, 169



61, 0, 55

Previews

White Background



This preview shows how the RGB color 74, 230, 248 looks on a white background.

Color Contrast Check

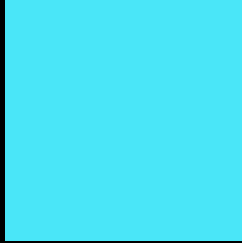
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 74, 230, 248 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](#).

RGB 74, 230, 248 Background



This preview shows how black text looks on a background with the RGB color 74, 230, 248.

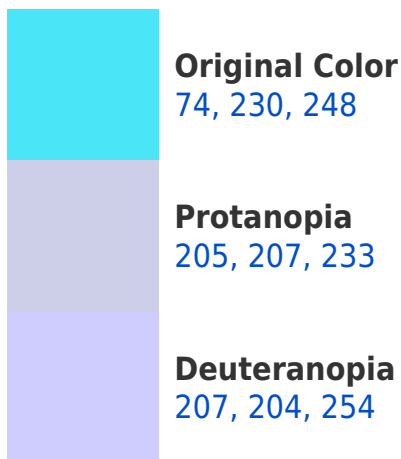


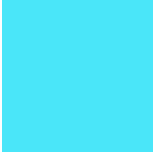
This preview shows how white text looks on a background with the RGB color 74, 230, 248.

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





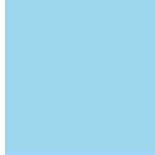
Tritanopia
74, 230, 249

Trichromacy



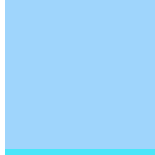
Original Color

74, 230, 248



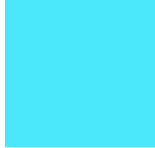
Protanomaly

157, 215, 238



Deuteranomaly

159, 213, 252



Tritanomaly

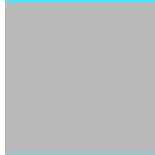
74, 230, 249

Monochromacy



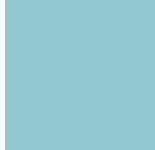
Original Color

74, 230, 248



Achromatopsia

185, 185, 185



Achromatomaly

145, 201, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 230, 248 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 `rgb(74, 230, 248)` looks like.

```
.text, #text, p{  
    color:rgb(74, 230, 248)  
}
```

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 rgb(74, 230, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 230, 248) }
```

Border

The CSS property to change the border of an element to RGB 74, 230, 248 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 rgb(74, 230, 248) }
```

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

```
.border{ border-color:rgb(74, 230, 248) }
```

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

Here you see how a box with a 4 pixel rgb(74, 230, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 230, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 230, 248);  
box-shadow:4px 4px 4px 4px rgb(74, 230,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 74, 230, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 230, 248) }
```

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

```
.background{ background-color: rgb(74, 230,  
248) }
```

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