

Converting Colors

RGB(74, 215, 246)

Have a look what the booklet for
RGB(74, 215, 246) contains.

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Color

RGB(74, 215, 246)

Conversions

Conversions Part 1

Format	Color
Hex	4AD7F6
RGB	74, 215, 246
RGB Percent	29%, 84%, 96%
CMY	0.7098, 0.1569, 0.0353
CMYK	0.70, 0.13, 0.00, 0.04
HSL	191°, 91%, 63%
HSV	191°, 70%, 96%
XYZ	43.7590, 56.7105, 95.8287
YIQ	176.3750, -93.9870, -20.2510

Conversions

Conversions Part 2

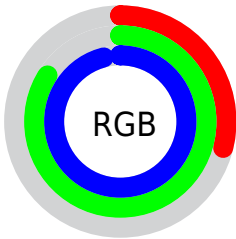
Format	Color
RYB	74, 151, 246
Decimal	4904950
CIELab	80.02, -27.78, -26.12
CIELCh	80, 38.132, 223.233
Yxy	56.7105, 0.2229, 0.2889
Android (android.graphics.Color)	4283095030 (0xFF4AD7F6)
YUV	176.3750, 34.3251, -89.7829
Hunter-Lab	75.3064, -28.0635, -22.7330

Details

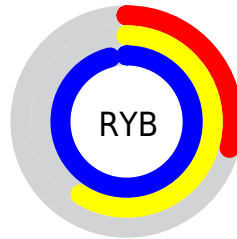
The RGB color **74, 215, 246** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **246, 105, 74**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **143, 255, 255**, and **0, 160, 190** is the 20% darker color. If you saturate the color by 10%, you get **49, 211, 246**, and if you desaturate by 10%, it is **99, 219, 246**.

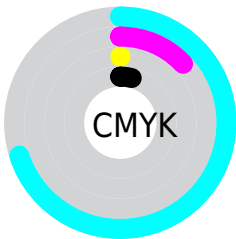
Distribution



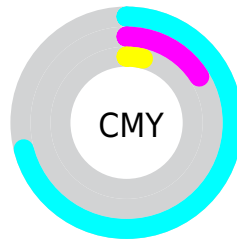
- Red (29%)
- Green (84%)
- Blue (96%)



- Red (29%)
- Yellow (59%)
- Blue (96%)



- Cyan (70%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



















- Cyan (71%)
- Magenta (16%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the RGB color 74, 215, 246 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, 215, 246 by changing the saturation by 10% instead.

 74, 215, 246	 74, 215, 246
 255, 255, 255	 21, 187, 217
 143, 255, 255	 0, 160, 190
 174, 255, 255	 0, 134, 163
 205, 255, 255	 0, 108, 136
 237, 255, 255	 0, 83, 111
	 0, 60, 86
	 0, 38, 63
	 0, 3, 41
	 0, 1, 19

 74, 215, 246

 74, 215, 246

 49, 211, 246

 99, 219, 246

 25, 206, 246

 123, 224, 246

 0, 202, 246

 148, 228, 246

 0, 202, 246

 172, 233, 246

 197, 237, 246

 222, 242, 246

 246, 246, 246

 255, 250, 246

 255, 255, 246

Harmonies

Analogous

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



83, 218, 213



74, 215, 246



118, 208, 255

Triad

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



74, 215, 246



255, 174, 220



207, 201, 128

Complementary

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



74, 215, 246



246, 105, 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.



240, 189, 131



74, 215, 246



255, 171, 184

Square

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



74, 215, 246



223, 184, 250



255, 178, 151



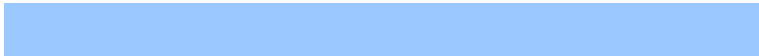
167, 211, 145

Rectangle

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



74, 215, 246



155, 201, 255



255, 178, 151



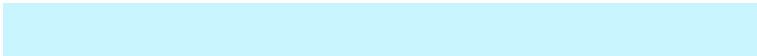
219, 197, 127

Sweetspot

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



74, 215, 246



201, 245, 255



74, 246, 103



96, 122, 128



0, 0, 0



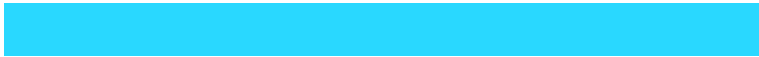
128, 128, 128

Same Dimension

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



74, 215, 246



41, 216, 255



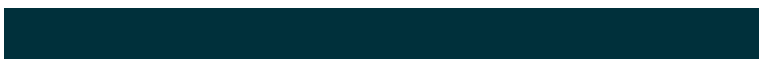
74, 131, 246



110, 120, 122



0, 153, 186



0, 48, 59

Inverse Universe

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



246, 74, 215



255, 41, 216



246, 189, 74



122, 110, 120



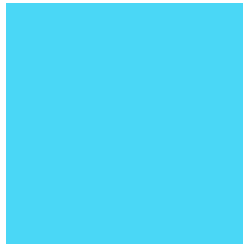
186, 0, 153



59, 0, 48

Previews

White Background



This preview shows how the RGB color 74, 215, 246 looks on a white background.

Color Contrast Check

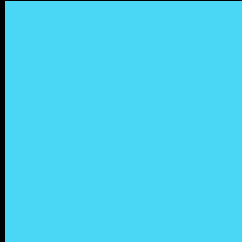
Large Text (above 18pt) WCAG AA × Fail

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, 215, 246 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, 215, 246 Background



This preview shows how black text looks on a background with the RGB color 74, 215, 246.

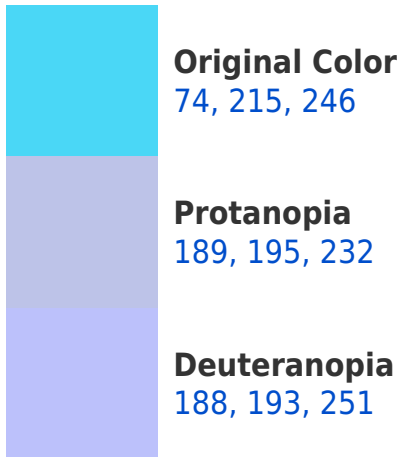


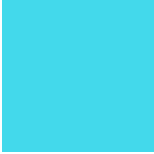
This preview shows how white text looks on a background with the RGB color 74, 215, 246.

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
67, 217, 235

Trichromacy



Original Color

74, 215, 246



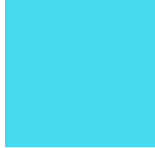
Protanomaly

147, 202, 237



Deuteranomaly

147, 201, 249



Tritanomaly

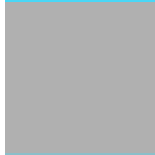
70, 216, 239

Monochromacy



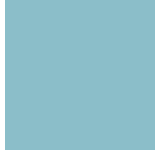
Original Color

74, 215, 246



Achromatopsia

176, 176, 176



Achromatomaly

139, 190, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 215, 246 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, 215, 246) looks like.

```
.text, #text, p{  
    color:rgb(74, 215, 246)  
}
```

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, 215, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 215, 246) }
```

Border

The CSS property to change the border of an element to RGB 74, 215, 246 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, 215, 246) }
```

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

```
.border{ border-color:rgb(74, 215, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 215, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 215, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 215, 246);  
box-shadow:4px 4px 4px 4px rgb(74, 215,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 74, 215, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 215, 246) }
```

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

```
.background{ background-color: rgb(74, 215,  
246) }
```

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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