

Converting Colors

`RYB(74, 160, 242)`

Have a look what the booklet for
RYB(74, 160, 242) contains.

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Color

R_YB(74, 160, 242)

Conversions

Conversions Part 1

Format	Color
Hex	4AF2EA
RGB	74, 242, 234
RGB Percent	29%, 95%, 92%
CMY	0.7098, 0.0510, 0.0816
CMYK	0.69, 0.00, 0.03, 0.05
HSL	177°, 87%, 62%
HSV	177°, 69%, 95%
XYZ	49.4542, 70.9113, 89.0629
YIQ	190.8560, -97.5600, -38.1040

Conversions

Conversions Part 2

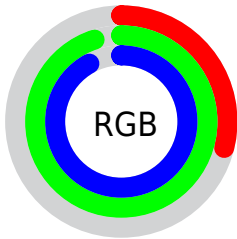
Format	Color
RYB	74, 160, 242
Decimal	4911850
CIELab	87.44, -43.72, -8.70
CIELCh	87, 44.573, 191.249
Yxy	70.9113, 0.2361, 0.3386
Android (android.graphics.Color)	4283101930 (0xFF4AF2EA)
YUV	190.8560, 21.2700, -102.4827
Hunter-Lab	84.2089, -42.5360, -3.7614

Details

The RYB color **74, 160, 242** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **242, 74, 82**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **144, 200, 255**, and **0, 94, 185** is the 20% darker color. If you saturate the color by 10%, you get **50, 148, 242**, and if you desaturate by 10%, it is **98, 172, 242**.

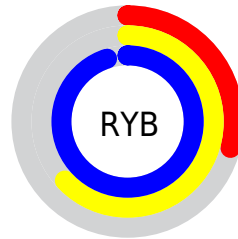
Distribution



Red (29%)

Green (95%)

Blue (92%)



Red (29%)

Yellow (63%)

Blue (95%)

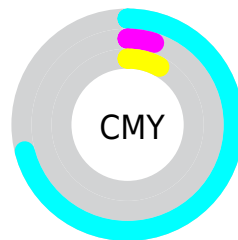


Cyan (69%)

Magenta (0%)

Yellow (3%)

Black (5%)



Cyan (71%)

















Magenta (5%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the RYB color 74, 160, 242 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 RYB color 74, 160, 242 by changing the saturation by 10% instead.


 74, 160, 242	 74, 160, 242
 255, 255, 255	 15, 116, 213
 144, 200, 255	 0, 94, 185
 176, 216, 255	 0, 81, 158
 208, 232, 255	 0, 67, 131
 239, 247, 255	 0, 54, 105
	 0, 41, 80
	 0, 28, 56
	 0, 17, 34
	 0, 0, 10


 74, 160, 242

 74, 160, 242

 50, 148, 242

 98, 172, 242


 26, 137, 242

 122, 184, 242

 1, 124, 242

 147, 196, 242

 0, 124, 242

 171, 207, 242

 195, 219, 242

 219, 231, 242

 243, 242, 242

 255, 242, 243

 255, 242, 244

Harmonies

Analogous

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



132, 202, 240



74, 160, 242



48, 147, 255

Triad

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



74, 160, 242



245, 202, 255



221, 255, 139

Complementary

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



74, 160, 242



242, 74, 82

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, 208, 165



74, 160, 242



255, 190, 247

Square

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



74, 160, 242



184, 207, 255



255, 186, 205



146, 232, 135

Rectangle

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



74, 160, 242



87, 165, 255



255, 186, 205



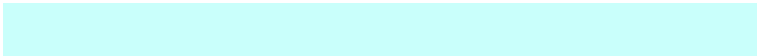
249, 255, 146

Sweetspot

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



74, 160, 242



201, 229, 255



74, 242, 234



96, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



74, 160, 242



43, 152, 255



74, 133, 242



108, 114, 120



0, 94, 184



0, 29, 56

Inverse Universe

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



242, 74, 82



255, 43, 53



242, 213, 74



120, 108, 108



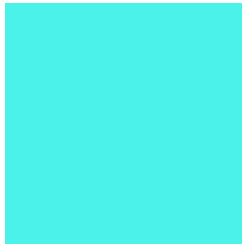
184, 0, 9



56, 0, 3

Previews

White Background



This preview shows how the RYB color 74, 160, 242 looks on a white background.

Color Contrast Check

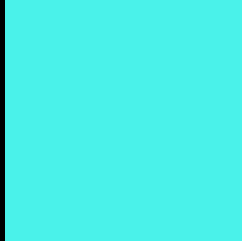
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 74, 160, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

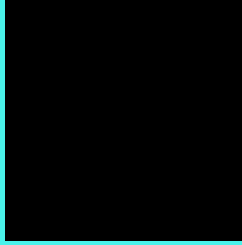
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

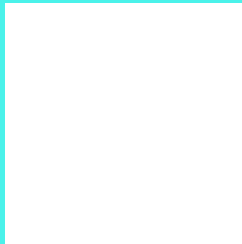
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 74, 160, 242 Background



This preview shows how black text looks on a background with the RYB color 74, 160, 242.

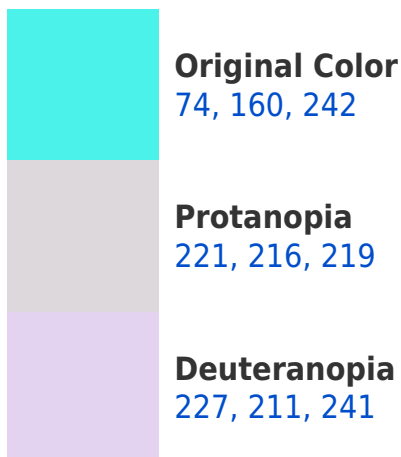


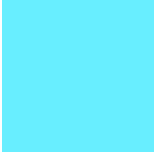
This preview shows how white text looks on a background with the RYB color 74, 160, 242.

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
104, 175, 255

Trichromacy



Original Color

74, 160, 242



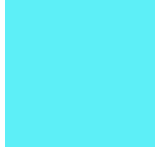
Protanomaly

168, 197, 225



Deuteranomaly

171, 200, 239



Tritanomaly

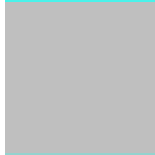
93, 168, 247

Monochromacy



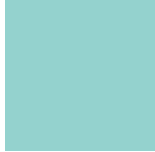
Original Color

74, 160, 242



Achromatopsia

191, 191, 191



Achromatomaly

148, 180, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 74, 160, 242 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, 242, 234) looks like.

```
.text, #text, p{  
    color:rgb(74, 242, 234)  
}
```

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, 242, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 242, 234) }
```

Border

The CSS property to change the border of an element to RYB 74, 160, 242 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, 242, 234) }
```

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

```
.border{ border-color:rgb(74, 242, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 242, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 242, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 242, 234);  
box-shadow:4px 4px 4px 4px rgb(74, 242,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 74, 160, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 242, 234) }
```

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

```
.background{ background-color: rgb(74, 242,  
234) }
```

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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