

Converting Colors

`RYB(60, 139, 252)`

Have a look what the booklet for
RYB(60, 139, 252) contains.

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Color

`RYB(60, 139, 252)`

Conversions

Conversions Part 1

Format	Color
Hex	3CC2FC
RGB	60, 194, 252
RGB Percent	24%, 76%, 99%
CMY	0.7647, 0.2383, 0.0118
CMYK	0.76, 0.23, 0.00, 0.01
HSL	198°, 97%, 61%
HSV	198°, 76%, 99%
XYZ	38.7772, 46.6750, 99.0609
YIQ	160.5460, -98.4820, -10.3700

Conversions

Conversions Part 2

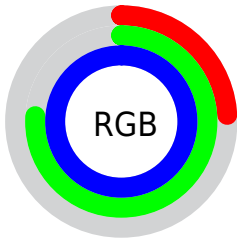
Format	Color
R _Y B	60, 139, 252
Decimal	3982076
CIE Lab	73.98, -17.01, -38.66
CIE LCh	74, 42.234, 246.243
Yxy	46.6750, 0.2102, 0.2530
Android (android.graphics.Color)	4282172156 (0xFF3CC2FC)
YUV	160.5460, 45.0868, -88.1788
Hunter-Lab	68.3191, -18.2437, -38.1455

Details

The RYB color **60, 139, 252** 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 **252, 143, 60**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **133, 193, 255**, and **0, 81, 195** is the 20% darker color. If you saturate the color by 10%, you get **35, 124, 252**, and if you desaturate by 10%, it is **85, 154, 252**.

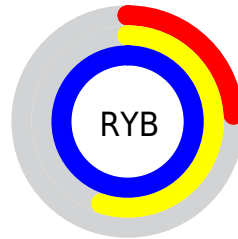
Distribution



Red (24%)

Green (76%)

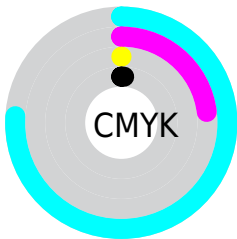
Blue (99%)



Red (24%)

Yellow (55%)

Blue (99%)

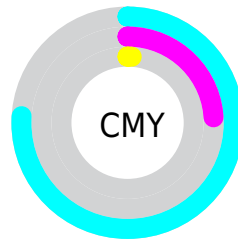


Cyan (76%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (76%)

















Magenta (24%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 60, 139, 252 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 60, 139, 252 by changing the saturation by 10% instead.

 60, 139, 252	 60, 139, 252
 255, 255, 255	 0, 95, 223
 133, 193, 255	 0, 82, 195
 165, 210, 255	 0, 68, 168
 197, 226, 255	 0, 55, 141
 228, 242, 255	 0, 42, 115
	 0, 30, 90
	 0, 19, 67
	 0, 3, 44
	 0, 1, 22

■ 60, 139, 252

■ 60, 139, 252

■ 35, 124, 252

■ 85, 154, 252

■ 10, 110, 252

■ 110, 168, 252

■ 0, 104, 252

■ 136, 184, 252

■ 161, 199, 252

■ 186, 213, 252

■ 211, 228, 252

■ 236, 243, 252

252, 255, 252

Harmonies

Analogous

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



0, 106, 226



60, 139, 252



137, 170, 255

Triad

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



60, 139, 252



255, 151, 175



118, 193, 154

Complementary

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



60, 139, 252



252, 143, 60

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.



125, 199, 104



60, 139, 252



253, 159, 138

Square

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



60, 139, 252



237, 156, 214



232, 222, 111



109, 172, 200

Rectangle

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



60, 139, 252



179, 174, 251



232, 222, 111



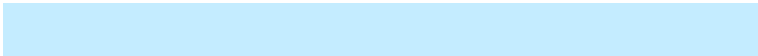
111, 190, 129

Sweetspot

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



60, 139, 252



196, 220, 255



60, 207, 252



92, 107, 128



0, 0, 0



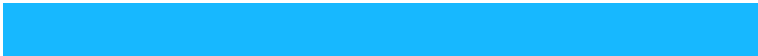
128, 128, 128

Same Dimension

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



60, 139, 252



23, 118, 255



60, 92, 252



112, 117, 125



0, 78, 189



0, 25, 61

Inverse Universe

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



252, 60, 194



255, 23, 185



107, 252, 60



125, 112, 121



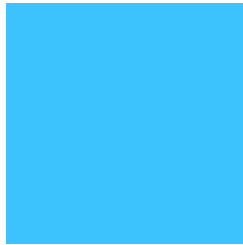
189, 0, 132



61, 0, 43

Previews

White Background



This preview shows how the RYB color 60, 139, 252 looks on a white background.

Color Contrast Check

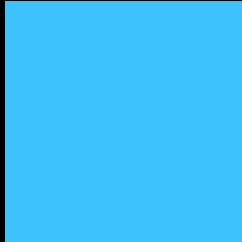
Large Text (above 18pt) WCAG AA × Fail

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 60, 139, 252 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

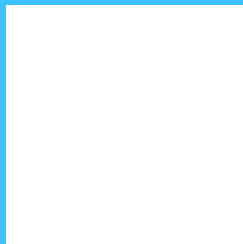
Any Text WCAG AAA ✓ Pass

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

RYB 60, 139, 252 Background



This preview shows how black text looks on a background with the RYB color 60, 139, 252.

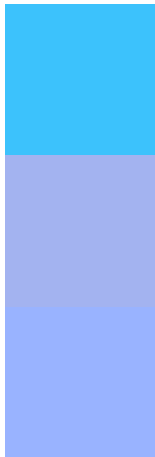


This preview shows how white text looks on a background with the RYB color 60, 139, 252.

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](#).

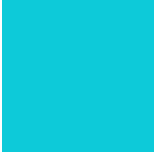
Dichromacy



Original Color
60, 139, 252

Protanopia
163, 176, 240

Deuteranopia
153, 174, 255



Tritanopia
13, 111, 217

Trichromacy



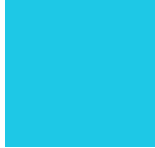
Original Color
60, 139, 252



Protanomaly
126, 165, 244



Deuteranomaly
119, 163, 254



Tritanomaly
30, 122, 230

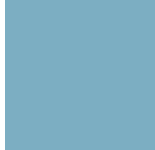
Monochromacy



Original Color
60, 139, 252



Achromatopsia
161, 161, 161



Achromatomaly
124, 153, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 60, 139, 252 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(60, 194, 252)` looks like.

```
.text, #text, p{  
    color:rgb(60, 194, 252)  
}
```

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(60, 194, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 194, 252) }
```

Border

The CSS property to change the border of an element to RYB 60, 139, 252 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(60, 194, 252) }
```

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

```
.border{ border-color:rgb(60, 194, 252) }
```

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

Here you see how a box with a 4 pixel rgb(60, 194, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 194, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 194, 252);  
box-shadow:4px 4px 4px 4px rgb(60, 194,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 60, 139, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 194, 252) }
```

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

```
.background{ background-color: rgb(60, 194,  
252) }
```

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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