

Converting Colors

`RYB(60, 143, 240)`

Have a look what the booklet for
RYB(60, 143, 240) contains.

RYB(60, 143, 240)	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

`RYB(60, 143, 240)`

Conversions

Conversions Part 1

Format	Color
Hex	3CD6F0
RGB	60, 214, 240
RGB Percent	24%, 84%, 94%
CMY	0.7647, 0.1607, 0.0588
CMYK	0.75, 0.11, 0.00, 0.06
HSL	189°, 86%, 59%
HSV	189°, 75%, 94%
XYZ	41.6434, 55.3555, 90.9279
YIQ	170.9180, -100.1300, -24.5620

Conversions

Conversions Part 2

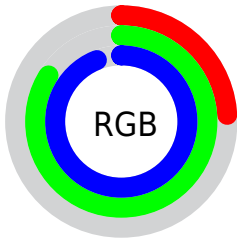
Format	Color
R _{YB}	60, 143, 240
Decimal	3987184
CIE _{Lab}	79.25, -30.78, -24.12
CIE _{LCh}	79, 39.110, 218.083
Yxy	55.3555, 0.2216, 0.2946
Android (android.graphics.Color)	4282177264 (0xFF3CD6F0)
YUV	170.9180, 34.0574, -97.2751
Hunter-Lab	74.4013, -30.2933, -20.3791

Details

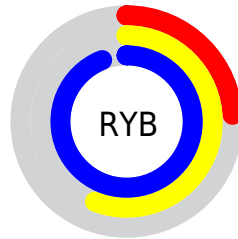
The RYB color **60, 143, 240** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **240, 90, 60**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **133, 194, 255**, and **0, 85, 184** is the 20% darker color. If you saturate the color by 10%, you get **36, 130, 240**, and if you desaturate by 10%, it is **84, 156, 240**.

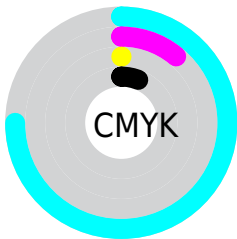
Distribution



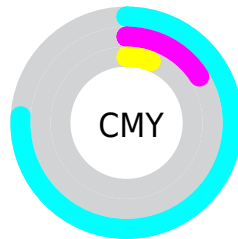
- Red (24%)
- Green (84%)
- Blue (94%)



- Red (24%)
- Yellow (56%)
- Blue (94%)



- Cyan (75%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



















- Cyan (76%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 60, 143, 240 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, 143, 240 by changing the saturation by 10% instead.

 60, 143, 240	 60, 143, 240
 255, 255, 255	 0, 99, 212
 133, 194, 255	 0, 85, 184
 165, 210, 255	 0, 72, 157
 197, 226, 255	 0, 59, 131
 228, 242, 255	 0, 46, 106
	 0, 34, 81
	 0, 23, 58
	 0, 2, 37
	 0, 1, 13

■ 60, 143, 240

■ 60, 143, 240

■ 36, 130, 240

■ 84, 156, 240

■ 12, 117, 240

■ 108, 169, 240

■ 0, 111, 240

■ 132, 182, 240

■ 156, 195, 240

■ 180, 208, 240

■ 204, 221, 240

■ 228, 233, 240

■ 252, 242, 240

■ 255, 248, 240

Harmonies

Analogous

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



82, 152, 216



60, 143, 240



102, 164, 255

Triad

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



60, 143, 240



250, 172, 224



140, 211, 123

Complementary

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



60, 143, 240



240, 90, 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.



243, 239, 129



60, 143, 240



255, 168, 188

Square

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



60, 143, 240



214, 183, 254



255, 179, 153



138, 207, 174

Rectangle

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



60, 143, 240



141, 180, 255



255, 179, 153



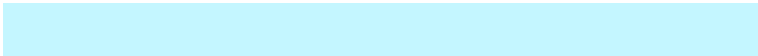
166, 223, 123

Sweetspot

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



60, 143, 240



196, 223, 255



60, 219, 240



92, 108, 128



0, 0, 0



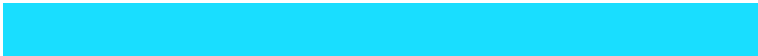
128, 128, 128

Same Dimension

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



60, 143, 240



25, 131, 255



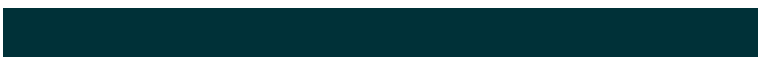
60, 108, 240



108, 113, 120



0, 85, 184



0, 26, 56

Inverse Universe

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



240, 60, 214



255, 25, 222



164, 240, 60



120, 108, 118



184, 0, 157



56, 0, 48

Previews

White Background



This preview shows how the RYB color 60, 143, 240 looks on a white background.

Color Contrast Check

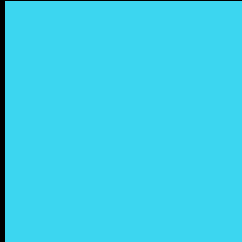
Large Text (above 18pt) WCAG AA × Fail

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, 143, 240 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, 143, 240 Background



This preview shows how black text looks on a background with the RYB color 60, 143, 240.

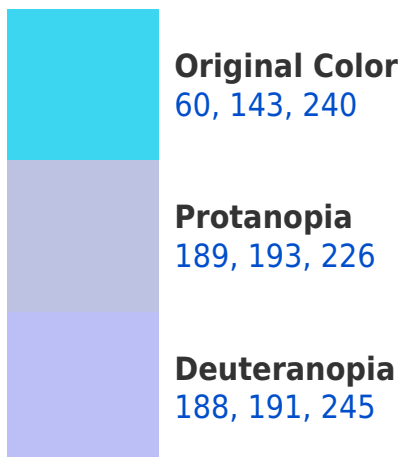


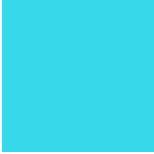
This preview shows how white text looks on a background with the RYB color 60, 143, 240.

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
54, 139, 233

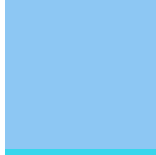
Trichromacy



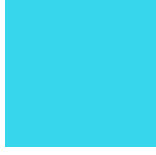
Original Color
60, 143, 240



Protanomaly
142, 177, 231



Deuteranomaly
141, 178, 243

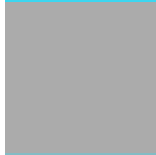


Tritanomaly
56, 140, 236

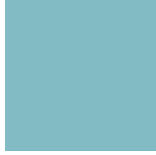
Monochromacy



Original Color
60, 143, 240



Achromatopsia
171, 171, 171



Achromatomaly
131, 161, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 60, 143, 240 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, 214, 240)` looks like.

```
.text, #text, p{  
    color:rgb(60, 214, 240)  
}
```

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, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 214, 240) }
```

Border

The CSS property to change the border of an element to RYB 60, 143, 240 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, 214, 240) }
```

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

```
.border{ border-color:rgb(60, 214, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 214, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(60, 214,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 60, 143, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 214, 240) }
```

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

```
.background{ background-color: rgb(60, 214,  
240) }
```

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