

Converting Colors

`RYB(92, 163, 232)`

Have a look what the booklet for
RYB(92, 163, 232) contains.

RYB(92, 163, 232)	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(92, 163, 232)`

Conversions

Conversions Part 1

Format	Color
Hex	5CE8E4
RGB	92, 232, 228
RGB Percent	36%, 91%, 89%
CMY	0.6392, 0.0902, 0.1057
CMYK	0.60, 0.00, 0.02, 0.09
HSL	178°, 75%, 64%
HSV	178°, 60%, 91%
XYZ	47.2817, 65.5931, 83.6085
YIQ	189.6840, -82.1560, -30.9240

Conversions

Conversions Part 2

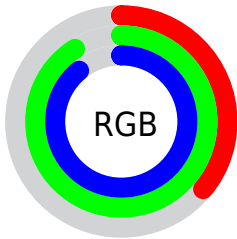
Format	Color
RYB	92, 163, 232
Decimal	6088932
CIELab	84.79, -38.26, -9.37
CIElCh	85, 39.388, 193.764
Yxy	65.5931, 0.2406, 0.3338
Android (android.graphics.Color)	4284279012 (0xFF5CE8E4)
YUV	189.6840, 18.8898, -85.6689
Hunter-Lab	80.9896, -37.5236, -4.5146

Details

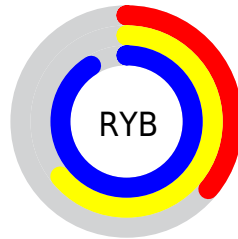
The RYB color **92, 163, 232** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **232, 92, 96**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **156, 206, 255**, and **0, 89, 176** is the 20% darker color. If you saturate the color by 10%, you get **69, 152, 232**, and if you desaturate by 10%, it is **115, 174, 232**.

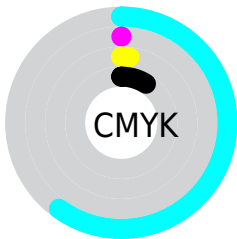
Distribution



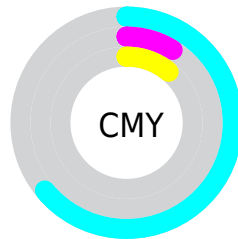
- Red (36%)
- Green (91%)
- Blue (89%)



- Red (36%)
- Yellow (64%)
- Blue (91%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



















- Cyan (64%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 163, 232 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 92, 163, 232 by changing the saturation by 10% instead.

 92, 163, 232	 92, 163, 232
 255, 255, 255	 55, 131, 204
 156, 206, 255	 0, 89, 176
 186, 221, 255	 0, 75, 149
 217, 236, 255	 0, 61, 122
 248, 252, 255	 0, 49, 97
	 0, 36, 72
	 0, 25, 50
	 0, 14, 29
	 0, 0, 1

■ 92, 163, 232

■ 92, 163, 232

■ 69, 152, 232

■ 115, 174, 232

■ 46, 140, 232

■ 138, 186, 232

■ 22, 129, 232

■ 162, 198, 232

■ 0, 118, 232

■ 185, 209, 232

■ 208, 220, 232

■ 231, 232, 232

■ 254, 232, 233

■ 255, 232, 233

■ 255, 232, 234

Harmonies

Analogous

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



133, 194, 230



92, 163, 232



84, 162, 255

Triad

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



92, 163, 232



238, 196, 255



240, 255, 141

Complementary

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



92, 163, 232



232, 92, 96

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, 202, 162



92, 163, 232



255, 186, 233

Square

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



92, 163, 232



187, 204, 255



255, 184, 196



144, 220, 139

Rectangle

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



92, 163, 232



111, 174, 255



255, 184, 196



255, 245, 146

Sweetspot

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



92, 163, 232



209, 232, 255



92, 232, 227



99, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 163, 232



71, 164, 255



92, 141, 232



103, 109, 115



0, 91, 179



0, 26, 51

Inverse Universe

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



232, 92, 96



255, 71, 77



232, 213, 92



115, 103, 104



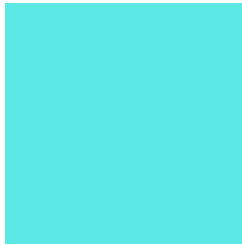
179, 0, 5



51, 0, 1

Previews

White Background



This preview shows how the RYB color 92, 163, 232 looks on a white background.

Color Contrast Check

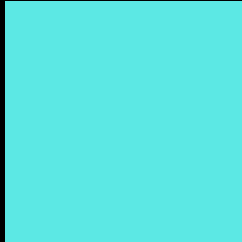
Large Text (above 18pt) WCAG AA × Fail

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 92, 163, 232 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

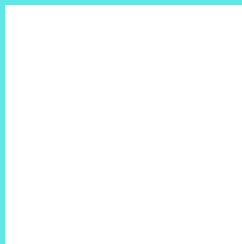
Any Text WCAG AAA ✓ Pass

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

R Y B 92, 163, 232 Background



This preview shows how black text looks on a background with the RYB color 92, 163, 232.

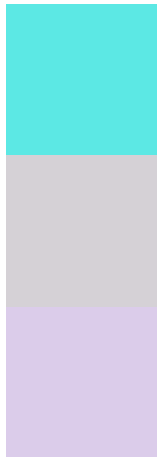


This preview shows how white text looks on a background with the RYB color 92, 163, 232.

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](#).

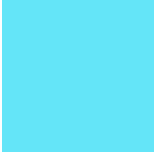
Dichromacy



Original Color
92, 163, 232

Protanopia
213, 209, 214

Deuteranopia
219, 204, 234



Tritanopia
100, 169, 248

Trichromacy



Original Color
92, 163, 232



Protanomaly
169, 193, 219



Deuteranomaly
173, 197, 232

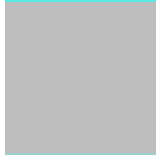


Tritanomaly
97, 166, 241

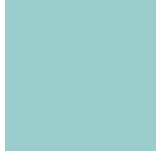
Monochromacy



Original Color
92, 163, 232



Achromatopsia
190, 190, 190



Achromatomaly
154, 180, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 163, 232 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(92, 232, 228)` looks like.

```
.text, #text, p{  
    color:rgb(92, 232, 228)  
}
```

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(92, 232, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 232, 228) }
```

Border

The CSS property to change the border of an element to RYB 92, 163, 232 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(92, 232, 228) }
```

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

```
.border{ border-color:rgb(92, 232, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 232, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 232, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 232, 228);  
box-shadow:4px 4px 4px 4px rgb(92, 232,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 92, 163, 232 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 232, 228) }
```

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

```
.background{ background-color: rgb(92, 232,  
228) }
```

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