

Converting Colors

`RYB(92, 147, 216)`

Have a look what the booklet for
RYB(92, 147, 216) contains.

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Color

R_YB(92, 147, 216)

Conversions

Conversions Part 1

Format	Color
Hex	5CBFD8
RGB	92, 191, 216
RGB Percent	36%, 75%, 85%
CMY	0.6392, 0.2516, 0.1529
CMYK	0.57, 0.12, 0.00, 0.15
HSL	192°, 61%, 60%
HSV	192°, 57%, 85%
XYZ	35.4044, 44.4253, 71.6747
YIQ	164.2490, -67.0290, -13.2130

Conversions

Conversions Part 2

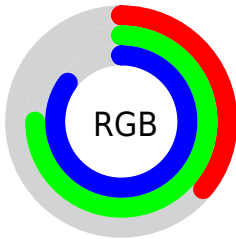
Format	Color
R _Y B	92, 147, 216
Decimal	6078424
CIE Lab	72.51, -21.76, -21.37
CIE LCh	73, 30.500, 224.487
Yxy	44.4253, 0.2337, 0.2932
Android (android.graphics.Color)	4284268504 (0xFF5CBFD8)
YUV	164.2490, 25.5132, -63.3624
Hunter-Lab	66.6523, -21.8259, -17.1010

Details

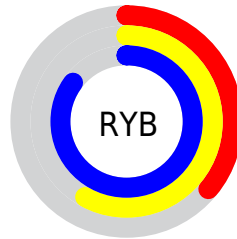
The RYB color **92, 147, 216** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **216, 123, 92**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **152, 202, 255**, and **11, 79, 161** is the 20% darker color. If you saturate the color by 10%, you get **70, 135, 216**, and if you desaturate by 10%, it is **114, 159, 216**.

Distribution



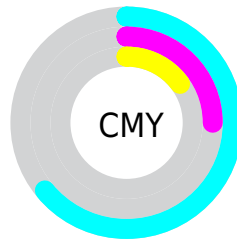
- Red (36%)
- Green (75%)
- Blue (85%)



- Red (36%)
- Yellow (58%)
- Blue (85%)



- Cyan (57%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



















- Cyan (64%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 147, 216 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, 147, 216 by changing the saturation by 10% instead.

 92, 147, 216	 92, 147, 216
 255, 255, 255	 59, 117, 188
 152, 201, 255	 11, 79, 161
 181, 218, 255	 0, 61, 135
 211, 233, 255	 0, 49, 110
 241, 248, 255	 0, 36, 85
	 0, 25, 62
	 0, 12, 40
	 0, 1, 18
	 0, 0, 0

■ 92, 147, 216

■ 92, 147, 216

■ 70, 135, 216

■ 114, 159, 216

■ 49, 123, 216

■ 135, 171, 216

■ 27, 111, 216

■ 157, 183, 216

■ 6, 99, 216

■ 178, 195, 216

■ 0, 96, 216

■ 200, 207, 216

■ 222, 217, 216

■ 243, 224, 216

■ 255, 229, 216

■ 255, 238, 216

Harmonies

Analogous

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



94, 144, 193



92, 147, 216



121, 161, 231

Triad

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



92, 147, 216



224, 159, 194



127, 184, 123

Complementary

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



92, 147, 216



216, 123, 92

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.



200, 211, 125



92, 147, 216



234, 157, 165

Square

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



92, 147, 216



199, 166, 218



229, 169, 140



137, 188, 173

Rectangle

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



92, 147, 216



148, 171, 233



229, 169, 140



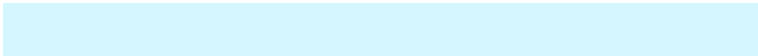
143, 193, 122

Sweetspot

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



92, 147, 216



212, 231, 255



92, 195, 216



102, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 147, 216



79, 157, 255



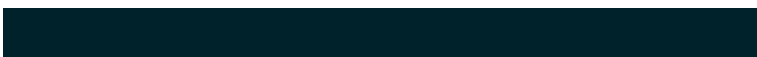
92, 120, 216



96, 101, 107



0, 76, 171



0, 19, 43

Inverse Universe

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



216, 92, 191



255, 79, 219



145, 216, 92



107, 96, 105



171, 0, 136



43, 0, 35

Previews

White Background



This preview shows how the RYB color 92, 147, 216 looks on a white background.

Color Contrast Check

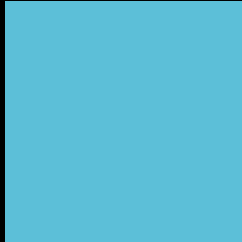
Large Text (above 18pt) WCAG AA × Fail

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, 147, 216 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, 147, 216 Background



This preview shows how black text looks on a background with the R Y B color 92, 147, 216.



This preview shows how white text looks on a background with the R Y B color 92, 147, 216.

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
89, 144, 208

Trichromacy



Original Color

92, 147, 216



Protanomaly

142, 167, 210



Deuteranomaly

143, 167, 219



Tritanomaly

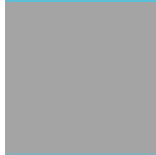
90, 145, 211

Monochromacy



Original Color

92, 147, 216



Achromatopsia

164, 164, 164



Achromatomaly

138, 158, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 147, 216 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, 191, 216)` looks like.

```
.text, #text, p{  
    color:rgb(92, 191, 216)  
}
```

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, 191, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 191, 216) }
```

Border

The CSS property to change the border of an element to RYB 92, 147, 216 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, 191, 216) }
```

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

```
.border{ border-color:rgb(92, 191, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 191, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 191, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 191, 216);  
box-shadow:4px 4px 4px 4px rgb(92, 191,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 92, 191, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 191, 216) }
```

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

```
.background{ background-color: rgb(92, 191,  
216) }
```

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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