

Converting Colors

`RYB(96, 155, 254)`

Have a look what the booklet for
RYB(96, 155, 254) contains.

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Color

RYB(96, 155, 254)

Conversions

Conversions Part 1

Format	Color
Hex	60BEFE
RGB	96, 190, 254
RGB Percent	38%, 75%, 100%
CMY	0.6235, 0.2543, 0.0039
CMYK	0.62, 0.25, 0.00, 0.00
HSL	204°, 99%, 69%
HSV	204°, 62%, 100%
XYZ	41.1617, 46.5395, 100.5795
YIQ	169.1900, -76.5680, -0.0240

Conversions

Conversions Part 2

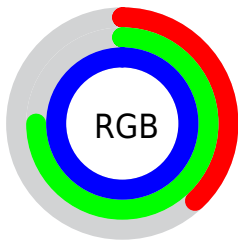
Format	Color
R _Y B	96, 155, 254
Decimal	6340350
CIE Lab	73.89, -9.19, -39.79
CIE LCh	74, 40.838, 256.998
Yxy	46.5395, 0.2186, 0.2472
Android (android.graphics.Color)	4284530430 (0xFF60BEFE)
YUV	169.1900, 41.8113, -64.1876
Hunter-Lab	68.2199, -11.6835, -39.6599

Details

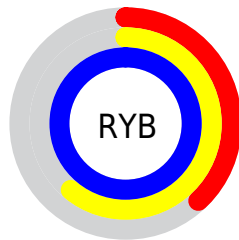
The RYB color **96, 155, 254** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **254, 204, 96**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **159, 205, 255**, and **0, 81, 197** is the 20% darker color. If you saturate the color by 10%, you get **71, 139, 254**, and if you desaturate by 10%, it is **121, 171, 254**.

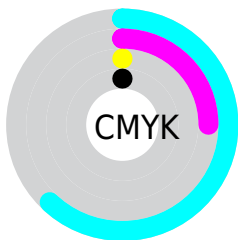
Distribution



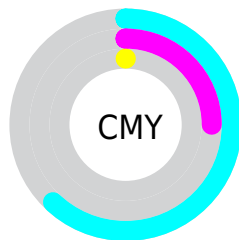
- Red (38%)
- Green (75%)
- Blue (100%)



- Red (38%)
- Yellow (61%)
- Blue (100%)



- Cyan (62%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (62%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 96, 155, 254 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 96, 155, 254 by changing the saturation by 10% instead.

 96, 155, 254


255, 255, 255


 159, 205, 255

 189, 222, 255

 219, 237, 255

 250, 253, 255

 96, 155, 254

 60, 123, 225


 0, 81, 197

 0, 68, 170

 0, 54, 143

 0, 41, 117

 0, 29, 92

 0, 17, 68

 0, 3, 45

 0, 1, 24

■ 96, 155, 254

■ 96, 155, 254

■ 71, 139, 254

■ 121, 171, 254

■ 45, 123, 254

■ 147, 187, 254

■ 20, 107, 254

■ 172, 203, 254

■ 0, 95, 254

■ 198, 219, 254

■ 223, 234, 254

■ 248, 250, 254

254, 255, 254

Harmonies

Analogous

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



6, 110, 235



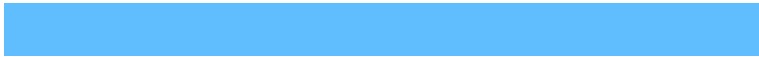
96, 155, 254



162, 176, 253

Triad

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



96, 155, 254



255, 153, 162



129, 195, 182

Complementary

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



96, 155, 254



254, 204, 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.



109, 186, 110



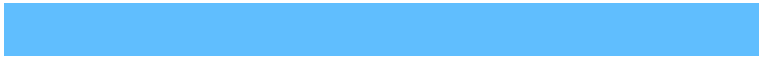
96, 155, 254



245, 174, 128

Square

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



96, 155, 254



244, 154, 200



186, 220, 108



93, 158, 201

Rectangle

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



96, 155, 254



197, 169, 242



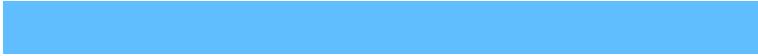
186, 220, 108



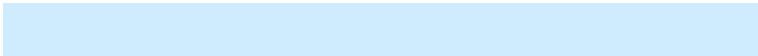
120, 193, 156

Sweetspot

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



96, 155, 254



207, 225, 255



96, 209, 254



98, 109, 128



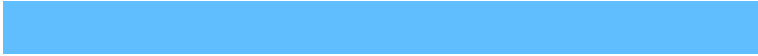
0, 0, 0



128, 128, 128

Same Dimension

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



96, 155, 254



64, 135, 255



96, 111, 254



115, 120, 128



0, 71, 191



0, 24, 64

Inverse Universe

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



254, 96, 190



255, 64, 178



114, 254, 96



128, 115, 122



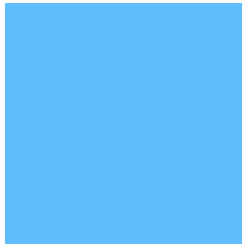
191, 0, 114



64, 0, 38

Previews

White Background



This preview shows how the RYB color 96, 155, 254 looks on a white background.

Color Contrast Check

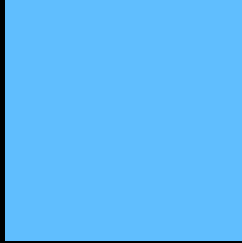
Large Text (above 18pt) WCAG AA × Fail

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 96, 155, 254 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

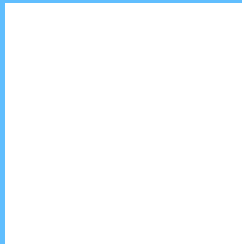
Any Text WCAG AAA ✓ Pass

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

RYB 96, 155, 254 Background



This preview shows how black text looks on a background with the RYB color 96, 155, 254.

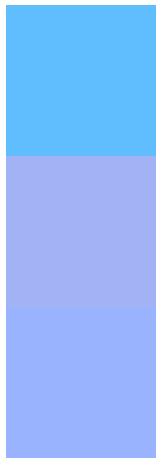


This preview shows how white text looks on a background with the RYB color 96, 155, 254.

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](#).

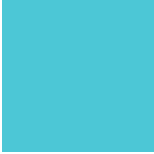
Dichromacy



Original Color
96, 155, 254

Protanopia
161, 175, 245

Deuteranopia
153, 174, 255



Tritanopia
76, 141, 214

Trichromacy



Original Color
96, 155, 254

Protanomaly
137, 169, 248

Deuteranomaly
132, 168, 255

Tritanomaly
83, 146, 229

Monochromacy



Original Color
96, 155, 254

Achromatopsia
169, 169, 169

Achromatomaly
142, 164, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 96, 155, 254 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(96, 190, 254)` looks like.

```
.text, #text, p{  
    color:rgb(96, 190, 254)  
}
```

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(96, 190, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 190, 254) }
```

Border

The CSS property to change the border of an element to RYB 96, 155, 254 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(96, 190, 254) }
```

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

```
.border{ border-color:rgb(96, 190, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 190, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 190, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 190, 254);  
box-shadow:4px 4px 4px 4px rgb(96, 190,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 96, 190, 254 is called "background".

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

```
.background, #background, body{  
background: rgb(96, 190, 254) }
```

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

```
.background{ background-color: rgb(96, 190,  
254) }
```

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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