Converting Colors

RGB(124, 255, 255)

Have a look what the booklet for RGB(124, 255, 255) contains.

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Color

RGB(124, 255, 255)

Conversions

Conversions Part 1

Format	Color
Hex	7CFFFF
RGB	124, 255, 255
RGB Percent	49%, 100%, 100%
CMY	0.5137, 0.0000, 0.0000
CMYK	0.51, 0.00, 0.00, 0.00
HSL	180°, 100%, 74%
HSV	180°, 51%, 100%
XYZ	62.1222, 83.0251, 107.3590
YIQ	215.8310, -78.0760, -27.7720

Conversions

Conversions Part 2

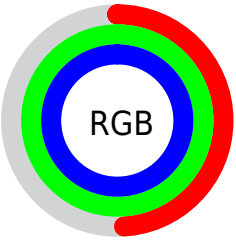
Format	Color
RYB	124, 190, 255
Decimal	8191999
CIELab	93.03, -36.02, -11.09
CIELCh	93, 37.689, 197.109
Yxy	83.0251, 0.2460, 0.3288
Android (android.graphics.Color)	4286382079 (0xFF7CFFFF)
YUV	215.8310, 19.3103, -80.5358
Hunter-Lab	91.1181, -37.7596, -6.0752

Details

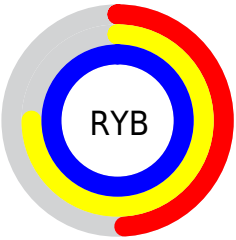
The RGB color 124, 255, 255 is a light color, and the websafe version is hex 66FFFF. A complement of this color would be 255, 124, 124, and the grayscale version is 216, 216, 216.

A 20% lighter version of the original color is 185, 255, 255, and 55, 198, 198 is the 20% darker color. If you saturate the color by 10%, you get 99, 255, 255, and if you desaturate by 10%, it is 150, 255, 255.

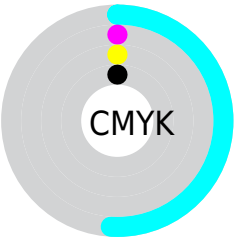
Distribution



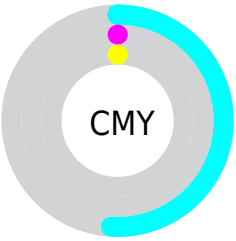
- Red (49%)
- Green (100%)
- Blue (100%)



- Red (49%)
- Yellow (75%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 255, 255 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 RGB color 124, 255, 255 by changing the saturation by 10% instead.

124, 255, 255

255, 255, 255

185, 255, 255

216, 255, 255

247, 255, 255

124, 255, 255

92, 226, 226

55, 198, 198

0, 170, 171

0, 143, 145

0, 117, 119

0, 92, 94

0, 68, 71

0, 45, 48

0, 20, 28

124, 255, 255

99, 255, 255

73, 255, 255

48, 255, 255

22, 255, 255

0, 255, 255

124, 255, 255

150, 255, 255

175, 255, 255

201, 255, 255

226, 255, 255

252, 255, 255

255, 255, 255

Harmonies

Analogous

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

156, 254, 218

124, 255, 255

125, 251, 255

Triad

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

124, 255, 255

255, 219, 255

255, 227, 165

Complementary

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

124, 255, 255

255, 124, 124

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, 216, 183

124, 255, 255

255, 210, 252

Square

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

124, 255, 255

218, 231, 255

255, 209, 215

239, 239, 165

Rectangle

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

124, 255, 255

149, 246, 255

255, 209, 215

255, 223, 169

Sweetspot

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

124, 255, 255

217, 255, 255

124, 255, 124

105, 128, 128

0, 0, 0

128, 128, 128

Same Dimension

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

124, 255, 255

97, 255, 255

124, 190, 255

115, 128, 128

0, 191, 191

0, 64, 64

Inverse Universe

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

255, 124, 255

255, 97, 255

255, 190, 124

128, 115, 128

191, 0, 191

64, 0, 64

Previews

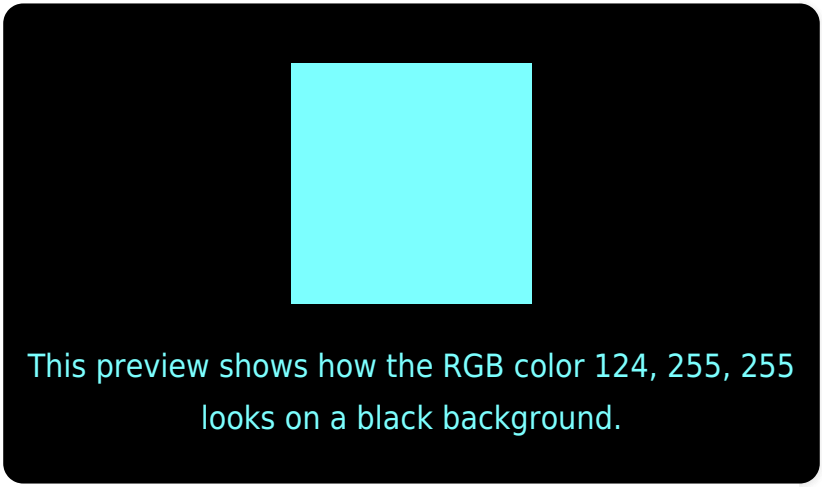
White Background

This preview shows how the RGB color 124, 255, 255 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



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.

RGB 124, 255, 255 Background

This preview shows how black text looks on a background with the RGB color 124, 255, 255.

This preview shows how white text looks on a background with the RGB color 124, 255, 255.

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
124, 255, 255

Protanopia
235, 232, 241

Deuteranopia
241, 229, 255

Tritanopia
188, 244, 255

Trichromacy

Original Color
124, 255, 255

Protanomaly
195, 240, 246

Deuteranomaly
198, 238, 255

Tritanomaly
165, 248, 255

Monochromacy

Original Color
124, 255, 255

Achromatopsia
216, 216, 216

Achromatomaly
183, 230, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 255, 255 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(124, 255, 255) looks like.

```
.text, #text, p{
    color:rgb(124, 255, 255)
}
```

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(124, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 255, 255) }
```

Border

The CSS property to change the border of an element to RGB 124, 255, 255 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(124, 255, 255) }
```

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

```
.border{ border-color:rgb(124, 255, 255) }
```

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

Here you see how a box with a 4 pixel rgb(124, 255, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 255, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 255, 255); box-shadow:4px 4px 4px 4px rgb(124, 255, 255) }
```

Background

The CSS property to change the background color of an element to RGB 124, 255, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(124, 255, 255) }
```

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

```
.background{ background-color:rgb(124, 255, 255) }
```

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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