

Converting Colors

`RYB(24, 132, 251)`

Have a look what the booklet for
RYB(24, 132, 251) contains.

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Color

RYB(24, 132, 251)

Conversions

Conversions Part 1

Format	Color
Hex	18E6FB
RGB	24, 230, 251
RGB Percent	9%, 90%, 98%
CMY	0.9059, 0.0980, 0.0157
CMYK	0.90, 0.08, 0.00, 0.02
HSL	186°, 97%, 54%
HSV	186°, 90%, 98%
XYZ	46.0908, 63.7622, 101.1449
YIQ	170.8000, -129.5170, -37.1410

Conversions

Conversions Part 2

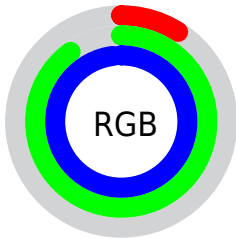
Format	Color
R _Y B	24, 132, 251
Decimal	1631995
CIE Lab	83.84, -37.53, -23.00
CIE LCh	84, 44.020, 211.506
Yxy	63.7622, 0.2184, 0.3022
Android (android.graphics.Color)	4279822075 (0xFF18E6FB)
YUV	170.8000, 39.5386, -128.7436
Hunter-Lab	79.8512, -36.7081, -19.2048

Details

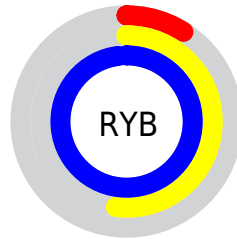
The RYB color **24, 132, 251** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **251, 47, 24**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **121, 188, 255**, and **0, 92, 194** is the 20% darker color. If you saturate the color by 10%, you get **0, 119, 251**, and if you desaturate by 10%, it is **49, 145, 251**.

Distribution



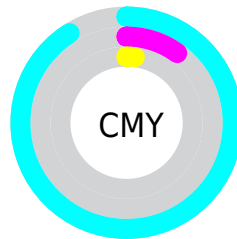
- Red (9%)
- Green (90%)
- Blue (98%)



- Red (9%)
- Yellow (52%)
- Blue (98%)



- Cyan (90%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)




















- Cyan (91%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 24, 132, 251 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 24, 132, 251 by changing the saturation by 10% instead.

 24, 132, 251	 24, 132, 251
 255, 255, 255	 0, 106, 222
 121, 188, 255	 0, 92, 194
 156, 206, 255	 0, 78, 167
 189, 222, 255	 0, 65, 141
 221, 238, 255	 0, 52, 115
 253, 254, 255	 0, 40, 91
	 0, 28, 67
	 0, 16, 45
	 0, 1, 24

■ 24, 132, 251

■ 24, 132, 251

■ 0, 119, 251

■ 49, 145, 251

■ 74, 158, 251

■ 99, 171, 251

■ 124, 184, 251

■ 150, 198, 251

■ 175, 211, 251

■ 200, 224, 251

■ 225, 237, 251

■ 250, 251, 251

Harmonies

Analogous

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



84, 163, 231



24, 132, 251



77, 158, 255

Triad

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



24, 132, 251



255, 184, 249



161, 234, 125

Complementary

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



24, 132, 251



251, 47, 24

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, 244, 137



24, 132, 251



255, 177, 209

Square

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



24, 132, 251



217, 198, 255



255, 183, 168



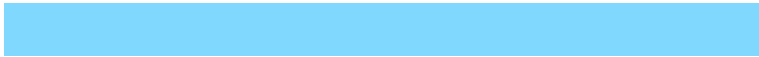
137, 219, 165

Rectangle

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



24, 132, 251



128, 180, 255



255, 183, 168



199, 247, 127

Sweetspot

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



24, 132, 251



186, 219, 255



24, 233, 251



87, 106, 128



0, 0, 0



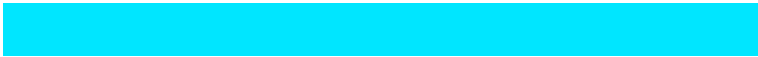
128, 128, 128

Same Dimension

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



24, 132, 251



0, 121, 255



24, 91, 251



112, 118, 125



0, 90, 189



0, 29, 61

Inverse Universe

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



251, 24, 230



255, 0, 231



187, 251, 24



125, 112, 124



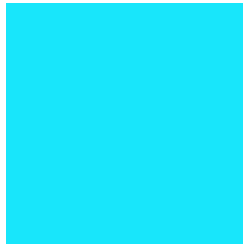
189, 0, 171



61, 0, 56

Previews

White Background



This preview shows how the RYB color 24, 132, 251 looks on a white background.

Color Contrast Check

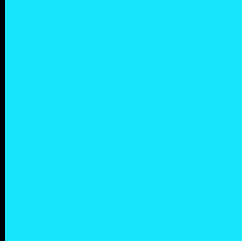
Large Text (above 18pt) WCAG AA × Fail

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 24, 132, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

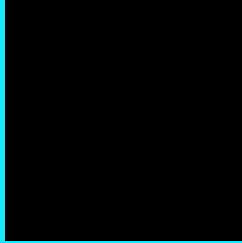
Any Text WCAG AA ✓ Pass

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 24, 132, 251 Background



This preview shows how black text looks on a background with the RYB color 24, 132, 251.

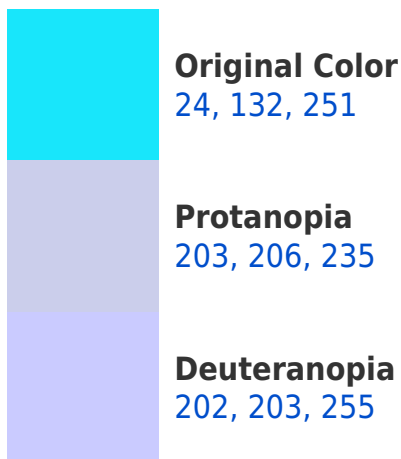


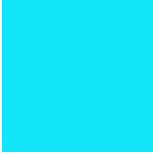
This preview shows how white text looks on a background with the RYB color 24, 132, 251.

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





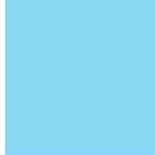
Tritanopia
19, 129, 249

Trichromacy



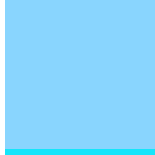
Original Color

24, 132, 251



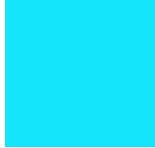
Protanomaly

138, 182, 241



Deuteranomaly

137, 183, 254



Tritanomaly

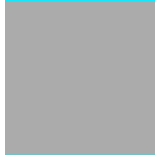
21, 130, 250

Monochromacy



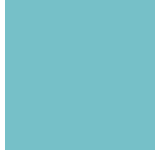
Original Color

24, 132, 251



Achromatopsia

171, 171, 171



Achromatomaly

118, 157, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 24, 132, 251 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(24, 230, 251)` looks like.

```
.text, #text, p{  
    color:rgb(24, 230, 251)  
}
```

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(24, 230, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 230, 251) }
```

Border

The CSS property to change the border of an element to RYB 24, 132, 251 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(24, 230, 251) }
```

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

```
.border{ border-color:rgb(24, 230, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 230, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 230, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 230, 251);  
box-shadow:4px 4px 4px 4px rgb(24, 230,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 24, 132, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 230, 251) }
```

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

```
.background{ background-color: rgb(24, 230,  
251) }
```

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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