

Converting Colors

`RYB(14, 220, 241)`

Have a look what the booklet for
RYB(14, 220, 241) contains.

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Color

RYB(14, 220, 241)

Conversions

Conversions Part 1

Format	Color
Hex	0EF125
RGB	14, 241, 37
RGB Percent	5%, 95%, 15%
CMY	0.9451, 0.0549, 0.8543
CMYK	0.94, 0.00, 0.85, 0.05
HSL	126°, 89%, 50%
HSV	126°, 94%, 95%
XYZ	31.9725, 63.1384, 12.2637
YIQ	149.8710, -69.8080, -111.5680

Conversions

Conversions Part 2

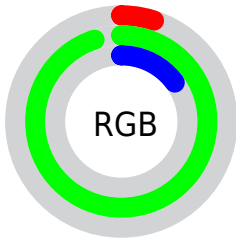
Format	Color
R_{YB}	14, 220, 241
Decimal	979237
CIE Lab	83.52, -81.21, 74.99
CIE LCh	84, 110.537, 137.279
Yxy	63.1384, 0.2978, 0.5880
Android (android.graphics.Color)	4279169317 (0xFF0EF125)
YUV	149.8710, -55.6454, -119.1589
Hunter-Lab	79.4597, -67.2306, 46.4711

Details

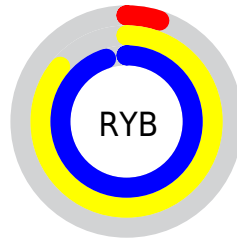
The RYB color **14, 220, 241** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **241, 14, 218**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **103, 255, 241**, and **0, 183, 183** is the 20% darker color. If you saturate the color by 10%, you get **0, 218, 241**, and if you desaturate by 10%, it is **38, 222, 241**.

Distribution



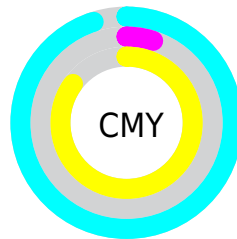
- Red (5%)
- Green (95%)
- Blue (15%)



- Red (5%)
- Yellow (86%)
- Blue (95%)



- Cyan (94%)
- Magenta (0%)
- Yellow (85%)
- Black (5%)
















- Cyan (95%)
- Magenta (5%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the RYB color 14, 220, 241 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 14, 220, 241 by changing the saturation by 10% instead.

 14, 220, 241	 14, 220, 241
 255, 255, 255	 0, 212, 212
 103, 255, 241	 0, 183, 183
 132, 255, 235	 0, 155, 155
 161, 255, 231	 0, 127, 127
 190, 255, 228	 0, 101, 101
 220, 255, 225	 0, 74, 74
 250, 255, 250	 0, 49, 49
	 0, 21, 21
	 0, 0, 0

■ 14, 220, 241

■ 14, 220, 241

■ 0, 218, 241

■ 38, 222, 241

■ 62, 225, 241

■ 86, 226, 241

■ 110, 228, 241

■ 134, 231, 241

■ 159, 234, 241

■ 183, 236, 241

■ 207, 238, 241

■ 231, 240, 241

Harmonies

Analogous

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



0, 222, 28



14, 220, 241



0, 153, 250

Triad

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



14, 220, 241



0, 122, 255



255, 77, 153

Complementary

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



14, 220, 241



241, 14, 218

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, 83, 255



14, 220, 241



28, 126, 255

Square

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



14, 220, 241



0, 126, 255



255, 147, 255



255, 198, 50

Rectangle

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



14, 220, 241



0, 132, 253



255, 147, 255



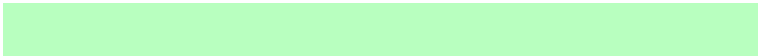
255, 67, 188

Sweetspot

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



14, 220, 241



184, 249, 255



14, 241, 37



84, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



14, 220, 241



0, 231, 255



14, 156, 241



108, 119, 120



0, 167, 184



0, 51, 56

Inverse Universe

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



241, 14, 218



255, 0, 229



241, 14, 105



120, 108, 119



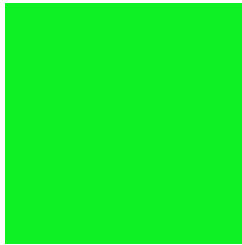
184, 0, 165



56, 0, 50

Previews

White Background



This preview shows how the RYB color 14, 220, 241 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 14, 220, 241 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 14, 220, 241 Background



This preview shows how black text looks on a background with the RYB color 14, 220, 241.



This preview shows how white text looks on a background with the RYB color 14, 220, 241.

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

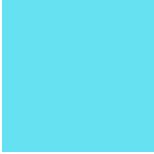
14, 220, 241

Protanopia

55, 232, 27

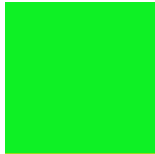
Deuteranopia

173, 255, 83



Tritanopia
101, 167, 242

Trichromacy



Original Color

14, 220, 241



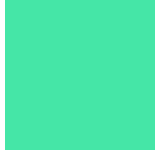
Protanomaly

31, 219, 97



Deuteranomaly

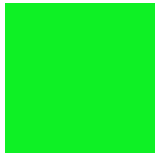
66, 212, 111



Tritanomaly

69, 169, 230

Monochromacy



Original Color

14, 220, 241



Achromatopsia

150, 150, 150



Achromatomaly

101, 176, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 14, 220, 241 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(14, 241, 37)` looks like.

```
.text, #text, p{  
    color:rgb(14, 241, 37)  
}
```

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(14, 241, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 241, 37) }
```

Border

The CSS property to change the border of an element to RYB 14, 220, 241 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(14, 241, 37) }
```

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

```
.border{ border-color:rgb(14, 241, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 241, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 241, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 241, 37);  
box-shadow:4px 4px 4px 4px rgb(14, 241,  
37) }
```

Background

The CSS property to change the background color of an element to RGB 14, 220, 241 is called "background".

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

```
.background, #background, body{  
background: rgb(14, 241, 37) }
```

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

```
.background{ background-color: rgb(14, 241,  
37) }
```

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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