

Converting Colors

`RYB(69, 225, 229)`

Have a look what the booklet for
RYB(69, 225, 229) contains.

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Color

RYB(69, 225, 229)

Conversions

Conversions Part 1

Format	Color
Hex	45E549
RGB	69, 229, 73
RGB Percent	27%, 90%, 29%
CMY	0.7294, 0.1020, 0.7133
CMYK	0.70, 0.00, 0.68, 0.10
HSL	122°, 75%, 58%
HSV	122°, 70%, 90%
XYZ	31.6796, 57.7862, 15.8053
YIQ	163.3760, -45.2840, -82.4360

Conversions

Conversions Part 2

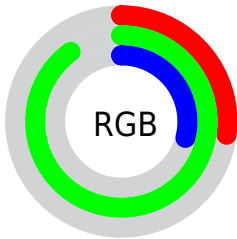
Format	Color
RYB	69, 225, 229
Decimal	4580681
CIELab	80.62, -69.79, 61.48
CIELCh	81, 93.008, 138.626
Yxy	57.7862, 0.3009, 0.5489
Android (android.graphics.Color)	4282770761 (0xFF45E549)
YUV	163.3760, -44.5554, -82.7678
Hunter-Lab	76.0173, -58.6418, 40.8846

Details

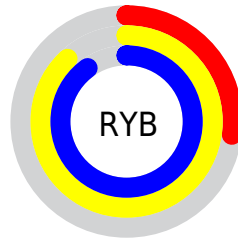
The RYB color **69, 225, 229** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **229, 69, 225**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **129, 255, 246**, and **0, 172, 172** is the 20% darker color. If you saturate the color by 10%, you get **46, 224, 229**, and if you desaturate by 10%, it is **92, 226, 229**.

Distribution



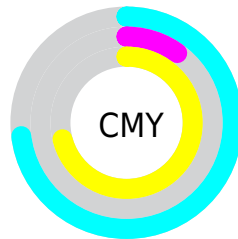
- Red (27%)
- Green (90%)
- Blue (29%)



- Red (27%)
- Yellow (88%)
- Blue (90%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (10%)



















- Cyan (73%)
- Magenta (10%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the RYB color 69, 225, 229 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 69, 225, 229 by changing the saturation by 10% instead.

 69, 225, 229	 69, 225, 229
255, 255, 255	 11, 173, 200
 129, 255, 247	 0, 172, 172
 157, 255, 243	 0, 144, 144
 185, 255, 240	 0, 117, 117
 214, 255, 238	 0, 91, 91
 243, 255, 243	 0, 66, 66
	 0, 42, 42
	 0, 4, 4
	 0, 0, 0

 69, 225, 229

 69, 225, 229

 46, 224, 229


 92, 226, 229

 23, 224, 229

 115, 226, 229

 0, 223, 229

 138, 227, 229

 161, 228, 229

 184, 228, 229

 206, 228, 229

 229, 229, 229

 252, 229, 252

 255, 229, 255

Harmonies

Analogous

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



0, 212, 24



69, 225, 229



0, 140, 237

Triad

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



69, 225, 229



0, 118, 255



255, 109, 150

Complementary

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



69, 225, 229



229, 69, 225

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, 110, 237



69, 225, 229



117, 165, 255

Square

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



69, 225, 229



0, 122, 255



255, 150, 255



255, 198, 69

Rectangle

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



69, 225, 229



0, 123, 239



255, 150, 255



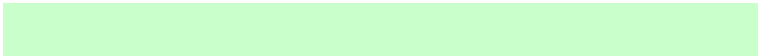
255, 103, 179

Sweetspot

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



69, 225, 229



201, 253, 255



69, 229, 72



96, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



69, 225, 229



41, 250, 255



69, 174, 229



103, 114, 115



0, 174, 179



0, 50, 51

Inverse Universe

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



229, 69, 225



255, 41, 250



229, 69, 146



115, 103, 114



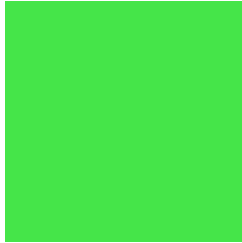
179, 0, 174



51, 0, 50

Previews

White Background



This preview shows how the RYB color 69, 225, 229 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 69, 225, 229 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 69, 225, 229 Background



This preview shows how black text looks on a background with the RYB color 69, 225, 229.

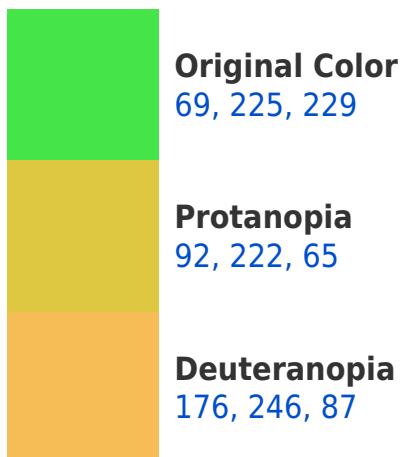


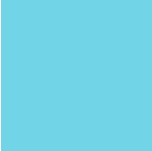
This preview shows how white text looks on a background with the RYB color 69, 225, 229.

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](#).

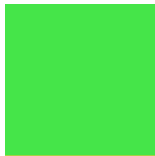
Dichromacy





Tritanopia
113, 167, 231

Trichromacy



Original Color

69, 225, 229



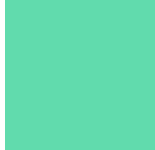
Protanomaly

68, 210, 112



Deuteranomaly

82, 204, 104



Tritanomaly

97, 172, 219

Monochromacy



Original Color

69, 225, 229



Achromatopsia

163, 163, 163



Achromatomaly

129, 186, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 69, 225, 229 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(69, 229, 73)` looks like.

```
.text, #text, p{  
    color:rgb(69, 229, 73)  
}
```

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(69, 229, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 229, 73) }
```

Border

The CSS property to change the border of an element to RYB 69, 225, 229 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(69, 229, 73) }
```

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

```
.border{ border-color:rgb(69, 229, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 229, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 229, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 229, 73);  
box-shadow:4px 4px 4px 4px rgb(69, 229,  
73) }
```

Background

The CSS property to change the background color of an element to RGB 69, 229, 73 is called "background".

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

```
.background, #background, body{  
background: rgb(69, 229, 73) }
```

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

```
.background{ background-color: rgb(69, 229,  
73) }
```

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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