

Converting Colors

`RYB(4, 161, 223)`

Have a look what the booklet for
RYB(4, 161, 223) contains.

RYB(4, 161, 223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(4, 161, 223)

Conversions

Conversions Part 1

Format	Color
Hex	04DF5A
RGB	4, 223, 90
RGB Percent	2%, 87%, 35%
CMY	0.9843, 0.1255, 0.6452
CMYK	0.98, 0.00, 0.59, 0.13
HSL	144°, 96%, 45%
HSV	144°, 98%, 87%
XYZ	28.3039, 53.5476, 18.6252
YIQ	142.3570, -87.8310, -87.7910

Conversions

Conversions Part 2

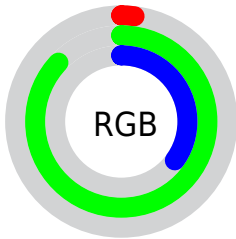
Format	Color
RYB	4, 161, 223
Decimal	319322
CIELab	78.20, -72.13, 51.39
CIELCh	78, 88.563, 144.533
Yxy	53.5476, 0.2817, 0.5329
Android (android.graphics.Color)	4278509402 (0xFF04DF5A)
YUV	142.3570, -25.8120, -121.3391
Hunter-Lab	73.1762, -59.0163, 36.1326

Details

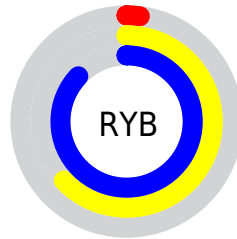
The RYB color **4, 161, 223** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **223, 4, 137**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **108, 226, 255**, and **0, 137, 166** is the 20% darker color. If you saturate the color by 10%, you get **0, 160, 223**, and if you desaturate by 10%, it is **26, 167, 223**.

Distribution



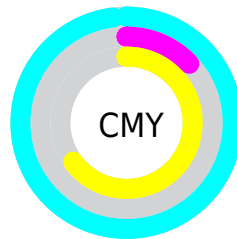
- Red (2%)
- Green (87%)
- Blue (35%)



- Red (2%)
- Yellow (63%)
- Blue (87%)



- Cyan (98%)
- Magenta (0%)
- Yellow (59%)
- Black (13%)




- Cyan (98%)
- Magenta (13%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 4, 161, 223 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 4, 161, 223 by changing the saturation by 10% instead.

 4, 161, 223

 4, 161, 223

255, 255, 255

 0, 146, 194


 108, 226, 255

 0, 136, 166

 142, 231, 255

 0, 138, 138


 174, 235, 255

 0, 112, 112

 205, 239, 255

 0, 85, 85

 237, 246, 255

 0, 61, 61

 0, 35, 35

 0, 0, 0

 4, 161, 223

 4, 161, 223

■ 0, 160, 223

■ 26, 167, 223

■ 49, 174, 223

■ 71, 180, 223

■ 93, 186, 223

■ 115, 192, 223

■ 138, 199, 223

■ 160, 205, 223

■ 182, 211, 223

■ 205, 218, 223

Harmonies

Analogous

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



0, 209, 43



4, 161, 223



0, 131, 230

Triad

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



4, 161, 223



0, 115, 255



255, 114, 130

Complementary

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



4, 161, 223



223, 4, 137

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, 106, 212



4, 161, 223



158, 175, 255

Square

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



4, 161, 223



0, 119, 255



255, 138, 255



255, 238, 54

Rectangle

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



4, 161, 223



0, 116, 232



255, 138, 255



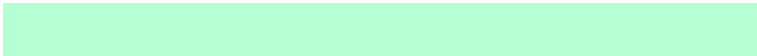
255, 106, 157

Sweetspot

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



4, 161, 223



181, 234, 255



4, 223, 88



83, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



4, 161, 223



0, 183, 255



4, 120, 223



101, 109, 112



0, 126, 176



0, 34, 48

Inverse Universe

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



223, 4, 137



255, 0, 154



223, 4, 30



112, 101, 108



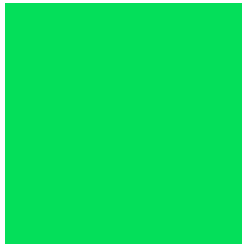
176, 0, 106



48, 0, 29

Previews

White Background



This preview shows how the RYB color 4, 161, 223 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 4, 161, 223 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 4, 161, 223 Background



This preview shows how black text looks on a background with the RYB color 4, 161, 223.

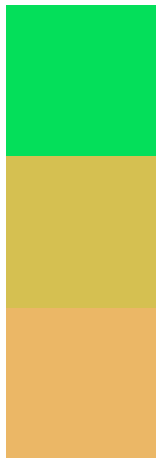


This preview shows how white text looks on a background with the RYB color 4, 161, 223.

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

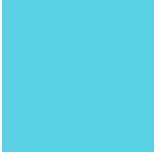
4, 161, 223

Protanopia

106, 213, 81

Deuteranopia

187, 235, 102



Tritanopia
89, 153, 226

Trichromacy



Original Color

4, 161, 223



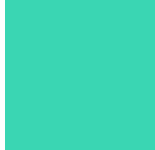
Protanomaly

84, 203, 150



Deuteranomaly

98, 198, 145



Tritanomaly

58, 146, 214

Monochromacy



Original Color

4, 161, 223



Achromatopsia

142, 142, 142



Achromatomaly

92, 149, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 4, 161, 223 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(4, 223, 90)` looks like.

```
.text, #text, p{  
    color:rgb(4, 223, 90)  
}
```

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(4, 223, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 223, 90) }
```

Border

The CSS property to change the border of an element to RYB 4, 161, 223 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(4, 223, 90) }
```

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

```
.border{ border-color:rgb(4, 223, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 223, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 223, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 223, 90);  
box-shadow:4px 4px 4px 4px rgb(4, 223, 90)  
}
```

Background

The CSS property to change the background color of an element to RYB 4, 161, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 223, 90) }
```

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

```
.background{ background-color: rgb(4, 223,  
90) }
```

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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