

Converting Colors

`RYB(41, 142, 204)`

Have a look what the booklet for
RYB(41, 142, 204) contains.

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Color

`RYB(41, 142, 204)`

Conversions

Conversions Part 1

Format	Color
Hex	29CC8D
RGB	41, 204, 141
RGB Percent	16%, 80%, 55%
CMY	0.8392, 0.2000, 0.4468
CMYK	0.80, 0.00, 0.31, 0.20
HSL	157°, 67%, 48%
HSV	157°, 80%, 80%
XYZ	27.3195, 45.5820, 32.5808
YIQ	148.0810, -76.9250, -54.1490

Conversions

Conversions Part 2

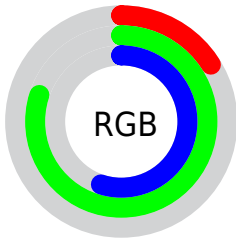
Format	Color
RYB	41, 142, 204
Decimal	2739341
CIELab	73.27, -54.82, 20.15
CIELCh	73, 58.409, 159.821
Yxy	45.5820, 0.2590, 0.4321
Android (android.graphics.Color)	4280929421 (0xFF29CC8D)
YUV	148.0810, -3.4909, -93.9100
Hunter-Lab	67.5144, -45.9210, 18.6482

Details

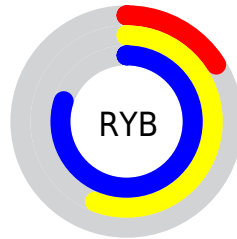
The RYB color **41, 142, 204** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **204, 41, 104**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **114, 204, 255**, and **0, 92, 148** is the 20% darker color. If you saturate the color by 10%, you get **21, 135, 204**, and if you desaturate by 10%, it is **61, 150, 204**.

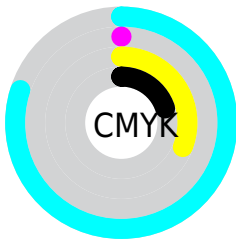
Distribution



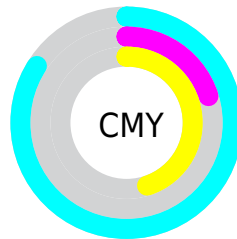
- Red (16%)
- Green (80%)
- Blue (55%)



- Red (16%)
- Yellow (56%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)





- Cyan (84%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 41, 142, 204 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 41, 142, 204 by changing the saturation by 10% instead.

 41, 142, 204

 41, 142, 204

255, 255, 255

 0, 106, 176

 114, 204, 255

 0, 92, 148

 145, 209, 255

 0, 79, 122

 175, 216, 255

 0, 66, 96

 206, 231, 255


 0, 54, 71


 237, 246, 255

 0, 48, 48

 0, 20, 20

 0, 0, 0

 41, 142, 204

 41, 142, 204

■ 21, 135, 204

■ 61, 150, 204

■ 0, 126, 204

■ 82, 158, 204

■ 102, 165, 204

■ 123, 173, 204

■ 143, 181, 204

■ 163, 188, 204

■ 184, 197, 204

■ 204, 204, 204

■ 225, 204, 212

Harmonies

Analogous

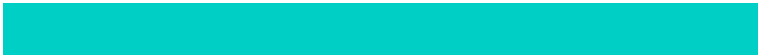
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94, 196, 154



41, 142, 204



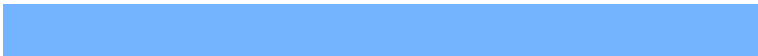
0, 106, 207

Triad

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



41, 142, 204



116, 160, 255



255, 152, 114

Complementary

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



41, 142, 204



204, 41, 104

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, 133, 164



41, 142, 204



207, 159, 255

Square

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



41, 142, 204



0, 111, 255



255, 139, 218



219, 240, 77

Rectangle

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



41, 142, 204



0, 109, 232



255, 139, 218



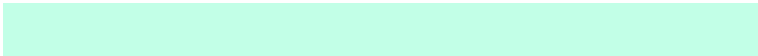
255, 140, 130

Sweetspot

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



41, 142, 204



194, 232, 255



41, 204, 139



91, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



41, 142, 204



10, 162, 255



41, 118, 204



92, 98, 102



0, 103, 166



0, 24, 38

Inverse Universe

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



204, 41, 104



255, 10, 105



204, 59, 41



102, 92, 96



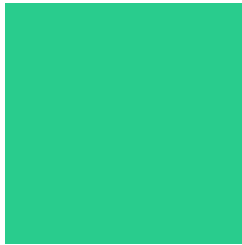
166, 0, 64



38, 0, 15

Previews

White Background



This preview shows how the RYB color 41, 142, 204 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 41, 142, 204 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

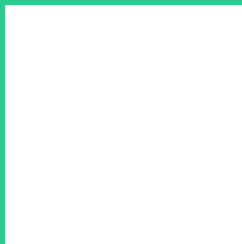
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 41, 142, 204 Background



This preview shows how black text looks on a background with the RGB color 41, 142, 204.

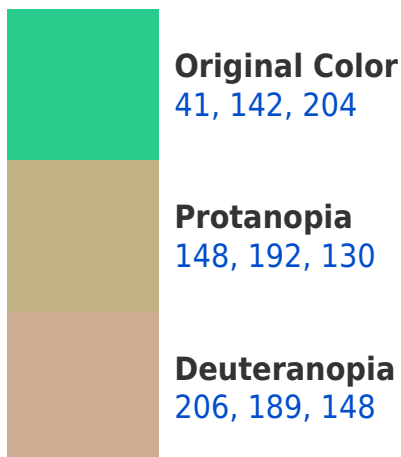


This preview shows how white text looks on a background with the RGB color 41, 142, 204.

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
78, 140, 211

Trichromacy



Original Color

41, 142, 204



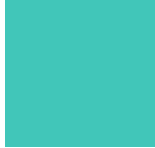
Protanomaly

134, 187, 184



Deuteranomaly

145, 184, 183



Tritanomaly

65, 135, 198

Monochromacy



Original Color

41, 142, 204



Achromatopsia

148, 148, 148



Achromatomaly

109, 146, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 41, 142, 204 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(41, 204, 141)` looks like.

```
.text, #text, p{  
    color:rgb(41, 204, 141)  
}
```

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(41, 204, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 204, 141) }
```

Border

The CSS property to change the border of an element to RYB 41, 142, 204 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(41, 204, 141) }
```

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

```
.border{ border-color:rgb(41, 204, 141) }
```

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

Here you see how a box with a 4 pixel rgb(41, 204, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 204, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 204, 141);  
box-shadow:4px 4px 4px 4px rgb(41, 204,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 41, 142, 204 is called "background".

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

```
.background, #background, body{  
background: rgb(41, 204, 141) }
```

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

```
.background{ background-color: rgb(41, 204,  
141) }
```

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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