

Converting Colors

`RYB(26, 149, 188)`

Have a look what the booklet for
RYB(26, 149, 188) contains.

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Color

`RYB(26, 149, 188)`

Conversions

Conversions Part 1

Format	Color
Hex	1ABC4D
RGB	26, 188, 77
RGB Percent	10%, 74%, 30%
CMY	0.8980, 0.2627, 0.6966
CMYK	0.86, 0.00, 0.59, 0.26
HSL	139°, 76%, 42%
HSV	139°, 86%, 74%
XYZ	19.7617, 36.7271, 13.1366
YIQ	126.9080, -60.9210, -68.8650

Conversions

Conversions Part 2

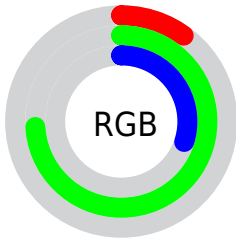
Format	Color
RYB	26, 149, 188
Decimal	1752141
CIELab	67.07, -61.86, 44.40
CIELCh	67, 76.144, 144.330
Yxy	36.7271, 0.2838, 0.5275
Android (android.graphics.Color)	4279942221 (0xFF1ABC4D)
YUV	126.9080, -24.6046, -88.4963
Hunter-Lab	60.6029, -47.8487, 29.5700

Details

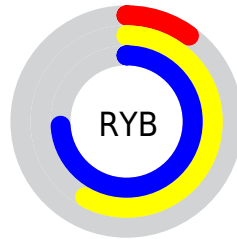
The RYB color **26, 149, 188** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **188, 26, 137**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **104, 224, 245**, and **0, 113, 133** is the 20% darker color. If you saturate the color by 10%, you get **7, 144, 188**, and if you desaturate by 10%, it is **45, 154, 188**.

Distribution



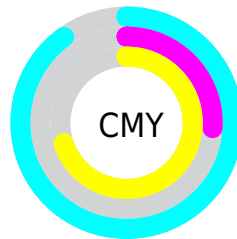
- Red (10%)
- Green (74%)
- Blue (30%)



- Red (10%)
- Yellow (58%)
- Blue (74%)



- Cyan (86%)
- Magenta (0%)
- Yellow (59%)
- Black (26%)





- Cyan (90%)
- Magenta (26%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the RYB color 26, 149, 188 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 26, 149, 188 by changing the saturation by 10% instead.

 26, 149, 188

 26, 149, 188

255, 255, 255

 0, 121, 160


 104, 223, 245

 0, 112, 133

 135, 237, 255

 0, 107, 107


 166, 240, 255

 0, 81, 81


 196, 242, 255


 0, 57, 57

 226, 245, 255


 0, 32, 32

 0, 0, 0

 26, 149, 188

 26, 149, 188

 7, 144, 188

 45, 154, 188

■ 0, 143, 188

■ 64, 158, 188

■ 82, 162, 188

■ 101, 167, 188

■ 120, 171, 188

■ 139, 177, 188

■ 158, 181, 188

■ 176, 185, 188

■ 195, 188, 193

Harmonies

Analogous

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



0, 176, 35



26, 149, 188



0, 110, 194

Triad

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



26, 149, 188



0, 104, 255



255, 98, 111

Complementary

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



26, 149, 188



188, 26, 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, 92, 179



26, 149, 188



134, 149, 255

Square

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



26, 149, 188



0, 109, 255



233, 118, 244



255, 175, 49

Rectangle

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



26, 149, 188



0, 98, 195



233, 118, 244



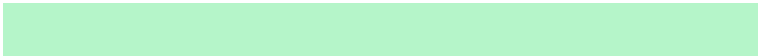
255, 92, 133

Sweetspot

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



26, 149, 188



181, 230, 245



26, 188, 77



84, 113, 122



250, 250, 250



122, 122, 122

Same Dimension

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



26, 149, 188



0, 186, 245



26, 115, 188



85, 92, 94



0, 120, 158



0, 23, 31

Inverse Universe

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



188, 26, 137



245, 0, 167



188, 26, 56



94, 85, 91



158, 0, 108



31, 0, 21

Previews

White Background



This preview shows how the RYB color 26, 149, 188 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 26, 149, 188 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 26, 149, 188 Background



This preview shows how black text looks on a background with the RYB color 26, 149, 188.

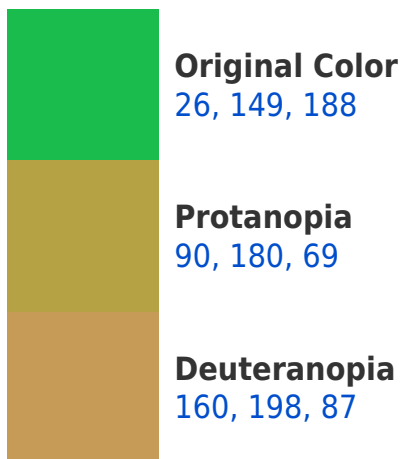


This preview shows how white text looks on a background with the RYB color 26, 149, 188.

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, 130, 191

Trichromacy



Original Color

26, 149, 188



Protanomaly

72, 171, 119



Deuteranomaly

83, 166, 114



Tritanomaly

59, 128, 180

Monochromacy



Original Color

26, 149, 188



Achromatopsia

127, 127, 127



Achromatomaly

90, 135, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 26, 149, 188 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(26, 188, 77)` looks like.

```
.text, #text, p{  
    color:rgb(26, 188, 77)  
}
```

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(26, 188, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 188, 77) }
```

Border

The CSS property to change the border of an element to RYB 26, 149, 188 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(26, 188, 77) }
```

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

```
.border{ border-color:rgb(26, 188, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 188, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 188, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 188, 77);  
box-shadow:4px 4px 4px 4px rgb(26, 188,  
77) }
```

Background

The CSS property to change the background color of an element to RGB 26, 149, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 188, 77) }
```

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

```
.background{ background-color: rgb(26, 188,  
77) }
```

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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