

Converting Colors

`RYB(69, 168, 134)`

Have a look what the booklet for
RYB(69, 168, 134) contains.

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Color

R_YB(69, 168, 134)

Conversions

Conversions Part 1

Format	Color
Hex	67A845
RGB	103, 168, 69
RGB Percent	40%, 66%, 27%
CMY	0.5961, 0.3412, 0.7294
CMYK	0.39, 0.00, 0.59, 0.34
HSL	99°, 42%, 46%
HSV	99°, 59%, 66%
XYZ	20.6703, 31.3185, 10.5859
YIQ	137.2790, -6.9610, -44.5690

Conversions

Conversions Part 2

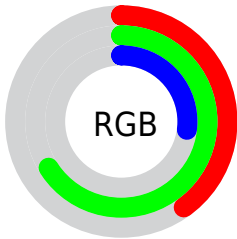
Format	Color
RYB	69, 168, 134
Decimal	6793285
CIELab	62.78, -38.87, 43.86
CIELCh	63, 58.601, 131.550
Yxy	31.3185, 0.3303, 0.5005
Android (android.graphics.Color)	4284983365 (0xFF67A845)
YUV	137.2790, -33.6615, -30.0627
Hunter-Lab	55.9629, -32.0048, 27.9589

Details

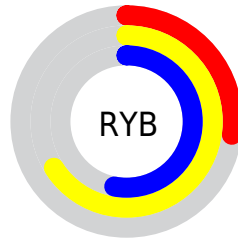
The RYB color **69, 168, 134** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **134, 69, 168**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **120, 224, 186**, and **15, 115, 81** is the 20% darker color. If you saturate the color by 10%, you get **52, 168, 128**, and if you desaturate by 10%, it is **86, 168, 140**.

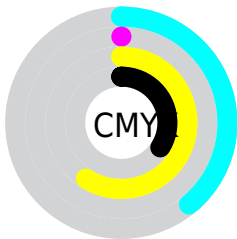
Distribution



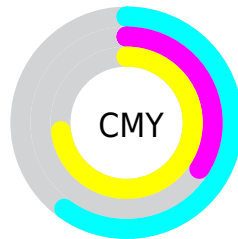
- Red (40%)
- Green (66%)
- Blue (27%)



- Red (27%)
- Yellow (66%)
- Blue (53%)



- Cyan (39%)
- Magenta (0%)
- Yellow (59%)
- Black (34%)



- Cyan (60%)
- Magenta (34%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the RYB color 69, 168, 134 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, 168, 134 by changing the saturation by 10% instead.



69, 168, 134



69, 168, 134

255, 255, 255



44, 141, 109



120, 224, 186



15, 115, 81



147, 252, 213



0, 90, 74



174, 255, 214



0, 66, 66



202, 255, 213



0, 44, 44



231, 255, 231



0, 17, 17



0, 0, 0



69, 168, 134




69, 168, 134




52, 168, 128



86, 168, 140

 35, 168, 122

 103, 168, 146

 19, 168, 117

 119, 168, 151


 2, 168, 111


 136, 168, 157


 0, 168, 110

 153, 168, 163

 169, 168, 170

 180, 168, 187

 191, 168, 203

 202, 168, 220

Harmonies

Analogous

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



43, 160, 39



69, 168, 134



0, 105, 175

Triad

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



69, 168, 134



0, 100, 250



247, 104, 134

Complementary

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



69, 168, 134



134, 69, 168

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.



230, 109, 186



69, 168, 134



88, 134, 254

Square

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



69, 168, 134



0, 97, 220



181, 129, 230



237, 126, 85

Rectangle

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



69, 168, 134



0, 95, 177



181, 129, 230



245, 103, 151

Sweetspot

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



69, 168, 134



180, 219, 206



123, 168, 69



86, 110, 102



237, 237, 237



110, 110, 110

Same Dimension

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



69, 168, 134



64, 219, 166



69, 155, 168



76, 84, 81



0, 148, 97



0, 20, 13

Inverse Universe

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



134, 69, 168



166, 64, 219



168, 69, 153



81, 76, 84



97, 0, 148



13, 0, 20

Previews

White Background



This preview shows how the RYB color 69, 168, 134 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, 168, 134 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, 168, 134 Background



This preview shows how black text looks on a background with the RYB color 69, 168, 134.

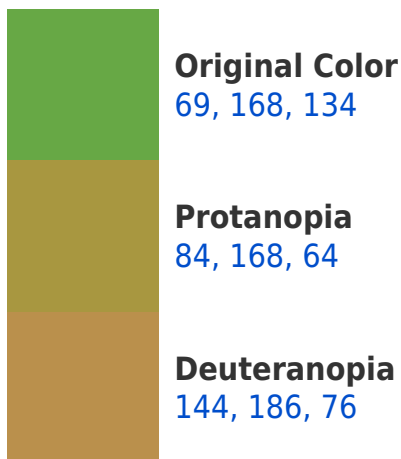


This preview shows how white text looks on a background with the RYB color 69, 168, 134.

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
119, 141, 170

Trichromacy



Original Color
69, 168, 134

Protanomaly
66, 157, 79

Deuteranomaly
76, 156, 73

Tritanomaly
113, 148, 162

Monochromacy



Original Color
69, 168, 134

Achromatopsia
137, 137, 137

Achromatomaly
112, 148, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 69, 168, 134 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(103, 168, 69)` looks like.

```
.text, #text, p{  
    color:rgb(103, 168, 69)  
}
```

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(103, 168, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 168, 69) }
```

Border

The CSS property to change the border of an element to RYB 69, 168, 134 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(103, 168, 69) }
```

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

```
.border{ border-color:rgb(103, 168, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 168, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 168, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 168, 69);  
box-shadow:4px 4px 4px 4px rgb(103, 168,  
69) }
```

Background

The CSS property to change the background color of an element to RYB 69, 168, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 168, 69) }
```

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

```
.background{ background-color: rgb(103,  
168, 69) }
```

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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