

Converting Colors

`RYB(114, 138, 241)`

Have a look what the booklet for
RYB(114, 138, 241) contains.

RYB(114, 138, 241)	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

R_YB(114, 138, 241)

Conversions

Conversions Part 1

Format	Color
Hex	7290F1
RGB	114, 144, 241
RGB Percent	45%, 56%, 95%
CMY	0.5529, 0.4369, 0.0549
CMYK	0.53, 0.40, 0.00, 0.05
HSL	226°, 82%, 70%
HSV	226°, 53%, 95%
XYZ	32.7282, 29.7515, 87.2367
YIQ	146.0880, -49.0170, 23.8070

Conversions

Conversions Part 2

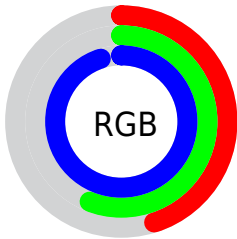
Format	Color
RYB	114, 138, 241
Decimal	7508209
CIELab	61.44, 16.66, -52.24
CIElCh	61, 54.834, 287.693
Yxy	29.7515, 0.2186, 0.1987
Android (android.graphics.Color)	4285698289 (0xFF7290F1)
YUV	146.0880, 46.7916, -28.1412
Hunter-Lab	54.5449, 11.6505, -56.6443

Details

The RYB color **114, 138, 241** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **153, 241, 114**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **173, 192, 255**, and **51, 83, 184** is the 20% darker color. If you saturate the color by 10%, you get **90, 118, 241**, and if you desaturate by 10%, it is **138, 157, 241**.

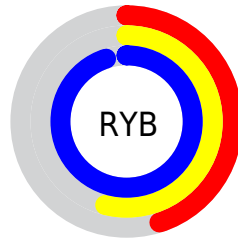
Distribution



Red (45%)

Green (56%)

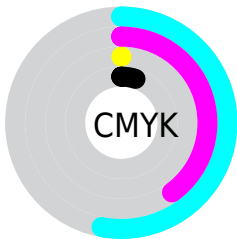
Blue (95%)



Red (45%)

Yellow (54%)

Blue (95%)

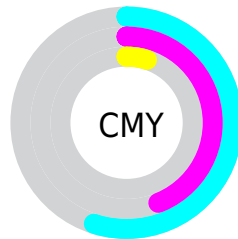


Cyan (53%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (44%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 138, 241 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 114, 138, 241 by changing the saturation by 10% instead.

■ 114, 138, 241

255, 255, 255

■ 173, 192, 255

■ 202, 218, 255

■ 232, 243, 255

■ 114, 138, 241

■ 84, 111, 212

■ 51, 83, 184

■ 0, 49, 157

■ 0, 36, 130

■ 0, 23, 105

■ 0, 2, 80

■ 0, 5, 56

■ 0, 2, 34

■ 0, 0, 7

■ 114, 138, 241

■ 114, 138, 241

■ 90, 118, 241

■ 138, 157, 241

■ 66, 99, 241

■ 162, 177, 241

■ 42, 79, 241

■ 186, 197, 241

■ 18, 60, 241

■ 210, 216, 241

■ 0, 45, 241

■ 234, 236, 241

■ 242, 255, 241

■ 241, 255, 241

Harmonies

Analogous

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



0, 96, 243



114, 138, 241



187, 123, 214

Triad

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



114, 138, 241



224, 137, 78



0, 98, 171

Complementary

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



114, 138, 241



153, 241, 114

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.



80, 165, 155



114, 138, 241



131, 191, 49

Square

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



114, 138, 241



238, 106, 122



48, 155, 56



0, 87, 176

Rectangle

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



114, 138, 241



217, 111, 186



48, 155, 56



14, 110, 169

Sweetspot

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



114, 138, 241



214, 222, 255



114, 186, 241



103, 108, 128



0, 0, 0



128, 128, 128

Same Dimension

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



114, 138, 241



94, 125, 255



148, 114, 241



108, 110, 120



0, 35, 184



0, 11, 56

Inverse Universe

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



241, 114, 144



255, 94, 132



114, 241, 148



120, 108, 111



184, 0, 43



56, 0, 13

Previews

White Background



This preview shows how the RYB color 114, 138, 241 looks on a white background.

Color Contrast Check

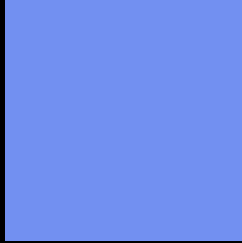
Large Text (above 18pt) WCAG AA ✓ Pass

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 114, 138, 241 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 × Fail

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

RYB 114, 138, 241 Background



This preview shows how black text looks on a background with the RYB color 114, 138, 241.



This preview shows how white text looks on a background with the RYB color 114, 138, 241.

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

114, 138, 241

Protanopia

109, 137, 242

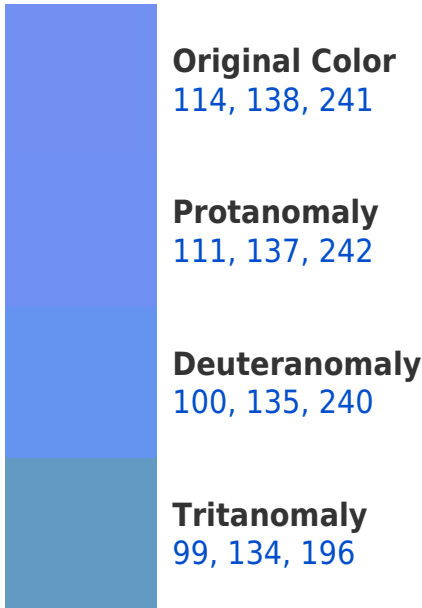
Deuteranopia

92, 133, 240

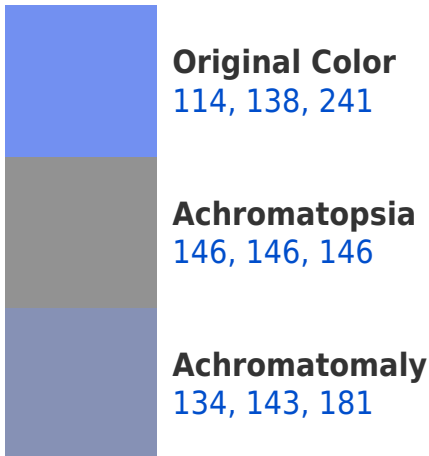


Tritanopia
90, 127, 171

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 138, 241 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(114, 144, 241)` looks like.

```
.text, #text, p{  
    color:rgb(114, 144, 241)  
}
```

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(114, 144, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 144, 241) }
```

Border

The CSS property to change the border of an element to RYB 114, 138, 241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

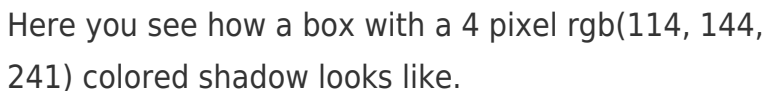
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 144, 241) }
```

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

```
.border{ border-color:rgb(114, 144, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 144, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 144, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 144, 241); box-shadow:4px 4px 4px 4px rgb(114, 144, 241) }
```

Background

The CSS property to change the background color of an element to RYB 114, 138, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 144, 241) }
```

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

```
.background{ background-color: rgb(114,  
144, 241) }
```

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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