

Converting Colors

`RYB(122, 114, 242)`

Have a look what the booklet for
RYB(122, 114, 242) contains.

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Color

R_YB(122, 114, 242)

Conversions

Conversions Part 1

Format	Color
Hex	7A72F2
RGB	122, 114, 242
RGB Percent	48%, 45%, 95%
CMY	0.5216, 0.5529, 0.0510
CMYK	0.50, 0.53, 0.00, 0.05
HSL	244°, 83%, 70%
HSV	244°, 53%, 95%
XYZ	30.0704, 22.5830, 86.7785
YIQ	130.9840, -36.3200, 41.5040

Conversions

Conversions Part 2

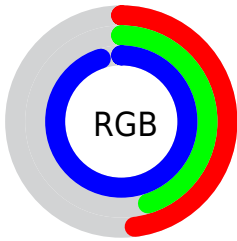
Format	Color
R _Y B	122, 114, 242
Decimal	8024818
CIE Lab	54.64, 36.21, -63.64
CIE LCh	55, 73.220, 299.644
Yxy	22.5830, 0.2157, 0.1620
Android (android.graphics.Color)	4286214898 (0xFF7A72F2)
YUV	130.9840, 54.7309, -7.8790
Hunter-Lab	47.5216, 29.7872, -75.0035

Details

The RYB color **122, 114, 242** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **114, 242, 122**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **181, 166, 255**, and **60, 66, 185** is the 20% darker color. If you saturate the color by 10%, you get **99, 90, 242**, and if you desaturate by 10%, it is **145, 138, 242**.

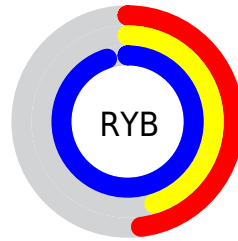
Distribution



Red (48%)

Green (45%)

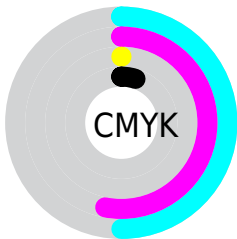
Blue (95%)



Red (48%)

Yellow (45%)

Blue (95%)

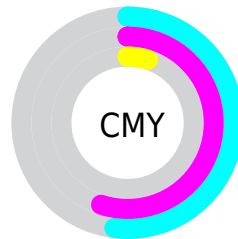


Cyan (50%)

Magenta (53%)

Yellow (0%)

Black (5%)



Cyan (52%)


Magenta (55%)

Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the RYB color 122, 114, 242 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 122, 114, 242 by changing the saturation by 10% instead.

 122, 114, 242

255, 255, 255

 181, 166, 255

 211, 193, 255

 241, 221, 255

 255, 250, 255

 122, 114, 242

 92, 89, 213

 60, 66, 185

 14, 38, 157

 0, 20, 131

 0, 2, 105

 0, 0, 80

 0, 5, 56

 0, 2, 33

 0, 0, 7

■ 122, 114, 242

■ 122, 114, 242

■ 99, 90, 242

■ 145, 138, 242

■ 77, 66, 242

■ 167, 162, 242

■ 54, 41, 242

■ 190, 187, 242

■ 31, 17, 242

■ 213, 211, 242

■ 15, 0, 242

■ 235, 235, 242

■ 242, 255, 242

Harmonies

Analogous

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



0, 90, 255



122, 114, 242



204, 80, 196

Triad

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



122, 114, 242



206, 198, 0



0, 87, 158

Complementary

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



122, 114, 242



114, 242, 122

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.



0, 110, 154



122, 114, 242



37, 158, 0

Square

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



122, 114, 242



236, 69, 72



0, 145, 50



0, 87, 192

Rectangle

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



122, 114, 242



231, 59, 156



0, 145, 50



0, 94, 157

Sweetspot

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



122, 114, 242



217, 214, 255



114, 176, 242



105, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



122, 114, 242



104, 94, 255



184, 114, 242



109, 108, 120



11, 0, 184



4, 0, 56

Inverse Universe

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



242, 114, 234



255, 94, 245



114, 242, 184



120, 108, 119



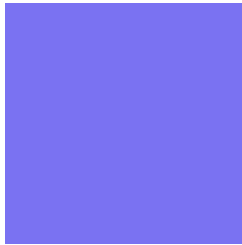
184, 0, 172



56, 0, 53

Previews

White Background



This preview shows how the RYB color 122, 114, 242 looks on a white background.

Color Contrast Check

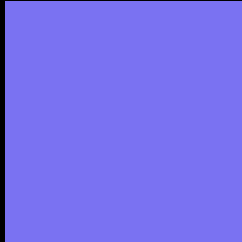
Large Text (above 18pt) WCAG AA ✓ Pass

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 122, 114, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

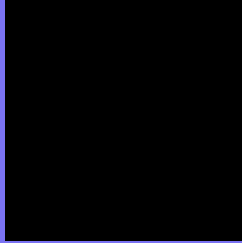
Any Text WCAG AA ✓ Pass

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 122, 114, 242 Background



This preview shows how black text looks on a background with the RYB color 122, 114, 242.

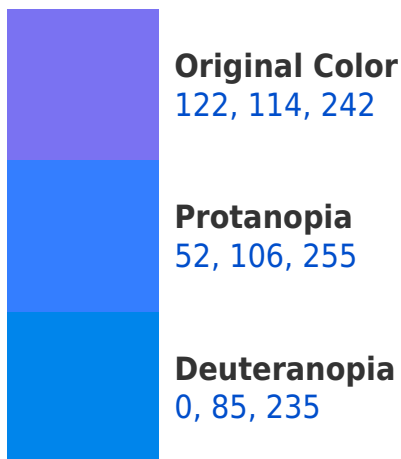


This preview shows how white text looks on a background with the RYB color 122, 114, 242.

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

94, 118, 148

Trichromacy



Original Color
122, 114, 242

Protanomaly
77, 113, 250

Deuteranomaly
44, 102, 238

Tritanomaly
104, 123, 182

Monochromacy



Original Color
122, 114, 242

Achromatopsia
131, 131, 131

Achromatomaly
128, 125, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 114, 242 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(122, 114, 242)` looks like.

```
.text, #text, p{  
    color:rgb(122, 114, 242)  
}
```

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(122, 114, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 114, 242) }
```

Border

The CSS property to change the border of an element to RYB 122, 114, 242 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(122, 114, 242) }
```

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

```
.border{ border-color:rgb(122, 114, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 114, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 114, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 114, 242);  
box-shadow:4px 4px 4px 4px rgb(122, 114,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 122, 114, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 114, 242) }
```

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

```
.background{ background-color: rgb(122,  
114, 242) }
```

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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