

Converting Colors

`RYB(162, 114, 229)`

Have a look what the booklet for RYB(162, 114, 229) contains.

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Color

RYB(162, 114, 229)

Conversions

Conversions Part 1

Format	Color
Hex	A272E5
RGB	162, 114, 229
RGB Percent	64%, 45%, 90%
CMY	0.3647, 0.5529, 0.1020
CMYK	0.29, 0.50, 0.00, 0.10
HSL	265°, 69%, 67%
HSV	265°, 50%, 90%
XYZ	35.0605, 25.3732, 77.1784
YIQ	141.4620, -8.3070, 45.9410

Conversions

Conversions Part 2

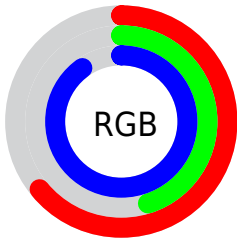
Format	Color
RYB	162, 114, 229
Decimal	10646245
CIELab	57.44, 42.05, -51.71
CIELCh	57, 66.647, 309.118
Yxy	25.3732, 0.2548, 0.1844
Android (android.graphics.Color)	4288836325 (0xFFA272E5)
YUV	141.4620, 43.1562, 18.0118
Hunter-Lab	50.3718, 36.0915, -55.5824

Details

The RYB color **162, 114, 229** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **114, 229, 162**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **219, 167, 255**, and **107, 64, 173** is the 20% darker color. If you saturate the color by 10%, you get **149, 91, 229**, and if you desaturate by 10%, it is **175, 137, 229**.

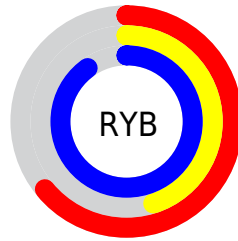
Distribution



Red (64%)

Green (45%)

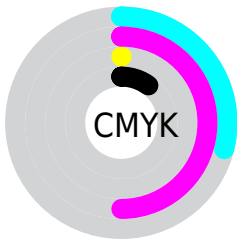
Blue (90%)



Red (64%)

Yellow (45%)

Blue (90%)

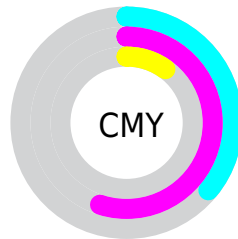


Cyan (29%)

Magenta (50%)

Yellow (0%)

Black (10%)



Cyan (36%)


Magenta (55%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 162, 114, 229 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 162, 114, 229 by changing the saturation by 10% instead.

 162, 114, 229


255, 255, 255

 219, 167, 255

 249, 195, 255

 255, 223, 255


 255, 252, 255

 162, 114, 229

 134, 89, 201

 107, 64, 173

 79, 40, 146

 51, 15, 119


 19, 0, 94


 0, 0, 70

 0, 4, 46

 0, 1, 25

 0, 0, 0

 162, 114, 229

 162, 114, 229

 149, 91, 229

 175, 137, 229

 135, 68, 229


 189, 160, 229

 122, 45, 229

 202, 183, 229

 109, 22, 229

 215, 206, 229

 96, 0, 229

 229, 229, 229

 229, 251, 238

 229, 255, 229

Harmonies

Analogous

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



0, 90, 254



162, 114, 229



220, 87, 181

Triad

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



162, 114, 229



145, 198, 11



0, 85, 165

Complementary

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



162, 114, 229



114, 229, 162

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, 103, 162



162, 114, 229



8, 149, 0

Square

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



162, 114, 229



231, 99, 67



36, 155, 106



0, 92, 210

Rectangle

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



162, 114, 229



238, 76, 142



36, 155, 106



0, 90, 164

Sweetspot

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



162, 114, 229



233, 217, 255



114, 156, 229



114, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



162, 114, 229



166, 102, 255



219, 114, 229



108, 103, 115



75, 0, 179



21, 0, 51

Inverse Universe

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



229, 114, 181



255, 102, 191



114, 229, 219



115, 103, 110



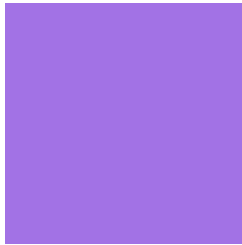
179, 0, 104



51, 0, 30

Previews

White Background



This preview shows how the RYB color 162, 114, 229 looks on a white background.

Color Contrast Check

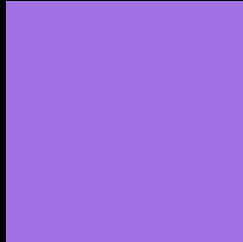
Large Text (above 18pt) WCAG AA ✓ Pass

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 162, 114, 229 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 162, 114, 229 Background



This preview shows how black text looks on a background with the RYB color 162, 114, 229.

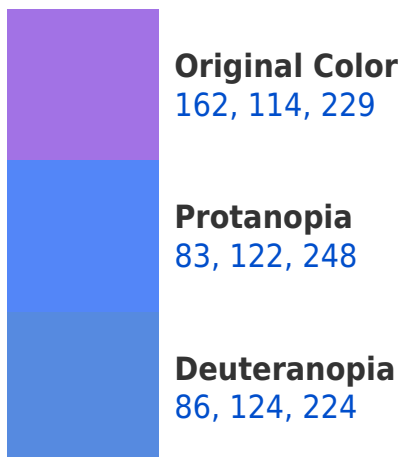



This preview shows how white text looks on a background with the RYB color 162, 114, 229.

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](#).

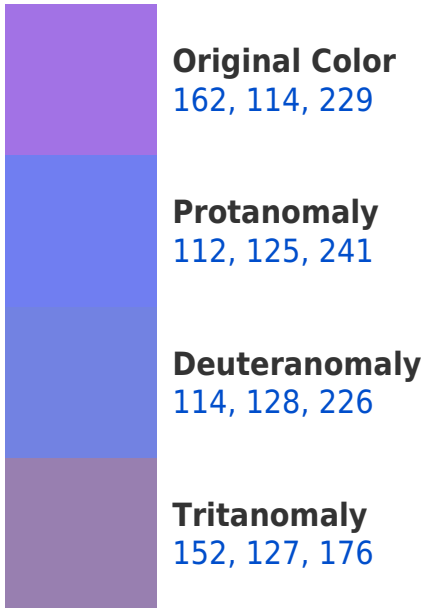
Dichromacy



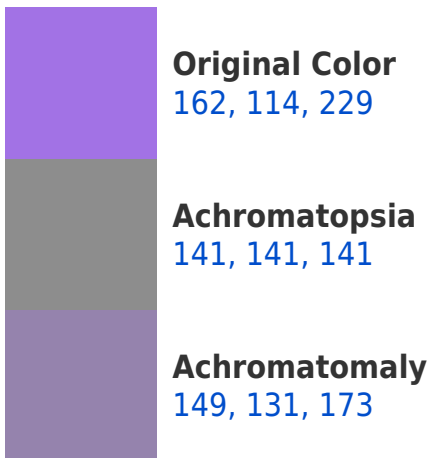


Tritanopia
146, 134, 145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 114, 229 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(162, 114, 229)` looks like.

```
.text, #text, p{  
    color:rgb(162, 114, 229)  
}
```

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(162, 114, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 114, 229) }
```

Border

The CSS property to change the border of an element to RYB 162, 114, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

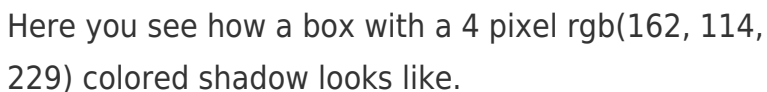
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 114, 229) }
```

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

```
.border{ border-color:rgb(162, 114, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 114, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 114, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 114, 229); box-shadow:4px 4px 4px 4px rgb(162, 114, 229) }
```

Background

The CSS property to change the background color of an element to RYB 162, 114, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 114, 229) }
```

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

```
.background{ background-color: rgb(162,  
114, 229) }
```

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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