

Converting Colors

`RYB(162, 114, 192)`

Have a look what the booklet for
RYB(162, 114, 192) contains.

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Color

R_YB(162, 114, 192)

Conversions

Conversions Part 1

Format	Color
Hex	A272C0
RGB	162, 114, 192
RGB Percent	64%, 45%, 75%
CMY	0.3647, 0.5529, 0.2471
CMYK	0.16, 0.41, 0.00, 0.25
HSL	277°, 38%, 60%
HSV	277°, 41%, 75%
XYZ	30.4320, 23.5218, 52.8054
YIQ	137.2440, 3.5700, 34.4340

Conversions

Conversions Part 2

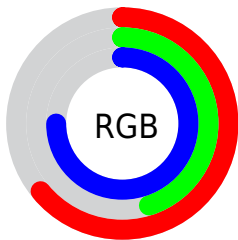
Format	Color
RYB	162, 114, 192
Decimal	10646208
CIELab	55.61, 33.41, -33.68
CIElCh	56, 47.439, 314.776
Yxy	23.5218, 0.2851, 0.2203
Android (android.graphics.Color)	4288836288 (0xFFA272C0)
YUV	137.2440, 26.9947, 21.7110
Hunter-Lab	48.4993, 27.1304, -30.6047

Details

The RYB color **162, 114, 192** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **114, 192, 162**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **218, 167, 249**, and **109, 65, 138** is the 20% darker color. If you saturate the color by 10%, you get **155, 95, 192**, and if you desaturate by 10%, it is **169, 133, 192**.

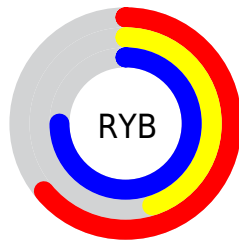
Distribution



Red (64%)

Green (45%)

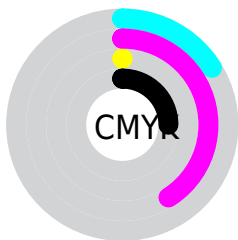
Blue (75%)



Red (64%)

Yellow (45%)

Blue (75%)

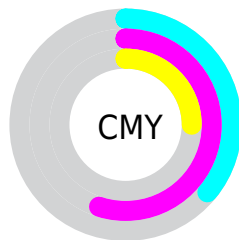


Cyan (16%)

Magenta (41%)

Yellow (0%)

Black (25%)



Cyan (36%)


Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 114, 192 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, 192 by changing the saturation by 10% instead.

 162, 114, 192

255, 255, 255

 218, 167, 249

 247, 194, 255

 255, 222, 255

 255, 251, 255

 162, 114, 192

 135, 89, 165

 109, 65, 138

 83, 41, 112

 58, 18, 88


 34, 0, 64

 3, 0, 41

 0, 1, 19

 0, 0, 0

 162, 114, 192


 162, 114, 192

 155, 95, 192

 169, 133, 192


 147, 76, 192


 177, 152, 192

 140, 56, 192

 184, 172, 192

 132, 37, 192

 192, 191, 192

 125, 18, 192

 192, 210, 203

 118, 0, 192

 192, 229, 215

 192, 248, 226

 192, 255, 226

 192, 255, 219

Harmonies

Analogous

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



98, 124, 213



162, 114, 192



198, 100, 156

Triad

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



162, 114, 192



135, 174, 51



0, 77, 154

Complementary

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



162, 114, 192



114, 192, 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, 88, 152



162, 114, 192



49, 137, 49

Square

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



162, 114, 192



200, 118, 77



72, 147, 129



0, 84, 190

Rectangle

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



162, 114, 192



208, 97, 128



72, 147, 129



0, 81, 154

Sweetspot

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



162, 114, 192



238, 220, 250



114, 136, 192



118, 107, 125



252, 252, 252



125, 125, 125

Same Dimension

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



162, 114, 192



203, 127, 250



192, 114, 184



93, 87, 97



99, 0, 161



20, 0, 33

Inverse Universe

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



192, 114, 144



250, 127, 175



114, 185, 192



97, 87, 91



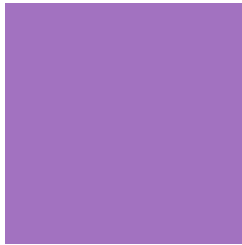
161, 0, 62



33, 0, 13

Previews

White Background



This preview shows how the RYB color 162, 114, 192 looks on a white background.

Color Contrast Check

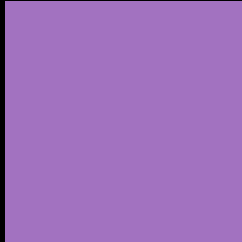
Large Text (above 18pt) WCAG AA ✓ Pass

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, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

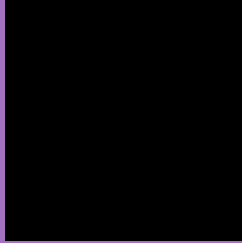
Any Text WCAG AA ✓ Pass

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, 192 Background



This preview shows how black text looks on a background with the RYB color 162, 114, 192.

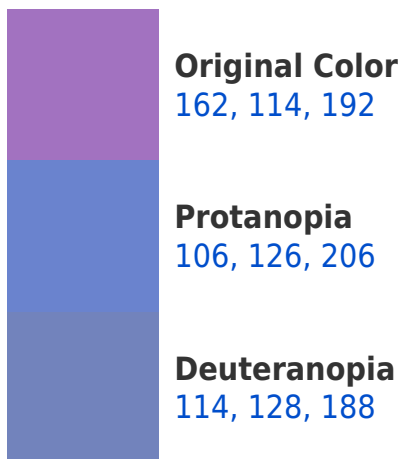


This preview shows how white text looks on a background with the RYB color 162, 114, 192.

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
153, 126, 136

Trichromacy



Original Color
162, 114, 192

Protanomaly
126, 125, 201

Deuteranomaly
131, 125, 189

Tritanomaly
156, 122, 156

Monochromacy



Original Color
162, 114, 192

Achromatopsia
137, 137, 137

Achromatomaly
146, 129, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 114, 192 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(162, 114, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 114, 192) }
```

Border

The CSS property to change the border of an element to RYB 162, 114, 192 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, 192) }
```

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

```
.border{ border-color:rgb(162, 114, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 114, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 114, 192);  
box-shadow:4px 4px 4px 4px rgb(162, 114,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 162, 114, 192 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, 192) }
```

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

```
.background{ background-color: rgb(162,  
114, 192) }
```

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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