

Converting Colors

`RYB(162, 61, 122)`

Have a look what the booklet for
RYB(162, 61, 122) contains.

RYB(162, 61, 122)	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(162, 61, 122)

Conversions

Conversions Part 1

Format	Color
Hex	A23D7A
RGB	162, 61, 122
RGB Percent	64%, 24%, 48%
CMY	0.3647, 0.7608, 0.5216
CMYK	0.00, 0.62, 0.25, 0.36
HSL	324°, 45%, 44%
HSV	324°, 62%, 64%
XYZ	20.0819, 12.4240, 19.7520
YIQ	98.1530, 40.6150, 40.3830

Conversions

Conversions Part 2

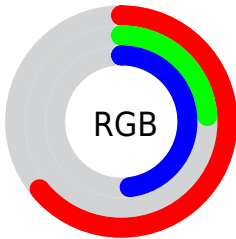
Format	Color
R_{YB}	162, 61, 122
Decimal	10632570
CIE _{Lab}	41.88, 48.31, -13.42
CIE _{LCh}	42, 50.138, 344.474
Yxy	12.4240, 0.3843, 0.2377
Android (android.graphics.Color)	4288822650 (0xFFA23D7A)
YUV	98.1530, 11.7566, 55.9938
Hunter-Lab	35.2477, 40.0144, -8.5513

Details

The RYB color **162, 61, 122** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **61, 133, 162**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **219, 114, 174**, and **107, 0, 73** is the 20% darker color. If you saturate the color by 10%, you get **162, 45, 116**, and if you desaturate by 10%, it is **162, 77, 128**.

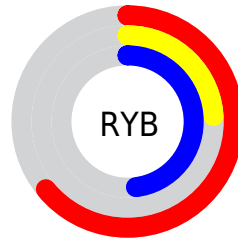
Distribution



Red (64%)

Green (24%)

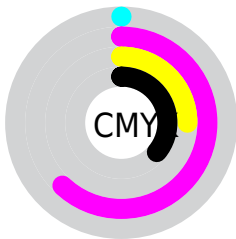
Blue (48%)



Red (64%)

Yellow (24%)

Blue (48%)

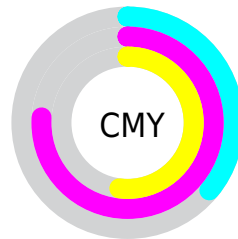


Cyan (0%)

Magenta (62%)

Yellow (25%)

Black (36%)



Cyan (36%)

Magenta (76%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 61, 122 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, 61, 122 by changing the saturation by 10% instead.



162, 61, 122



162, 61, 122

255, 255, 255



134, 33, 97



219, 114, 174



107, 0, 73



249, 141, 202



80, 0, 51



255, 169, 230



56, 0, 30



255, 197, 255



26, 0, 1



255, 226, 255



0, 0, 0



162, 61, 122



162, 61, 122



162, 45, 116



162, 77, 128



162, 29, 109



162, 93, 135

162, 12, 103

162, 110, 141

162, 0, 98

162, 126, 148

162, 142, 154

162, 158, 160

162, 170, 174

162, 183, 191

162, 194, 207

Harmonies

Analogous

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



126, 79, 158



162, 61, 122



173, 58, 81

Triad

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



162, 61, 122



0, 103, 3



0, 67, 156

Complementary

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



162, 61, 122



61, 133, 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, 59, 118



162, 61, 122



35, 112, 95

Square

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



162, 61, 122



81, 136, 7



0, 71, 117



0, 68, 178

Rectangle

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



162, 61, 122



168, 67, 54



0, 71, 117



0, 65, 145

Sweetspot

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



162, 61, 122



212, 171, 196



100, 61, 162



107, 82, 97



235, 235, 235



107, 107, 107

Same Dimension

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



162, 61, 122



212, 53, 149



162, 61, 73



82, 73, 78



145, 0, 88



18, 0, 11

Inverse Universe

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



162, 61, 122



212, 53, 149



61, 115, 162



82, 73, 78



145, 0, 88



18, 0, 11

Previews

White Background



This preview shows how the RYB color 162, 61, 122 looks on a white background.

Color Contrast Check

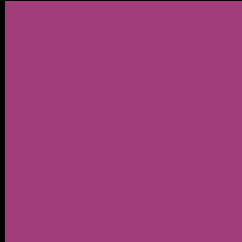
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 162, 61, 122 looks on a black 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

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

RYB 162, 61, 122 Background



This preview shows how black text looks on a background with the RYB color 162, 61, 122.

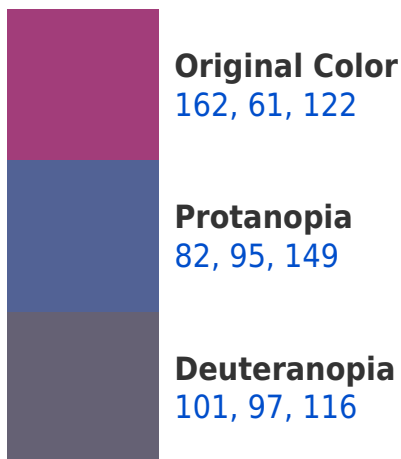


This preview shows how white text looks on a background with the RYB color 162, 61, 122.

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
158, 72, 77

Trichromacy



Original Color

162, 61, 122

Protanomaly

111, 85, 139

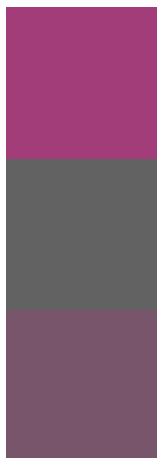
Deuteranomaly

123, 84, 118

Tritanomaly

159, 68, 93

Monochromacy



Original Color

162, 61, 122

Achromatopsia

98, 98, 98

Achromatomaly

121, 85, 107

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 61, 122 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, 61, 122)` looks like.

```
.text, #text, p{  
    color:rgb(162, 61, 122)  
}
```

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, 61, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 61, 122) }
```

Border

The CSS property to change the border of an element to RYB 162, 61, 122 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, 61, 122) }
```

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

```
.border{ border-color:rgb(162, 61, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 61, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 61, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 61, 122);  
box-shadow:4px 4px 4px 4px rgb(162, 61,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 162, 61, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 61, 122) }
```

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

```
.background{ background-color: rgb(162, 61,  
122) }
```

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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