

Converting Colors

`RYB(162, 92, 131)`

Have a look what the booklet for
RYB(162, 92, 131) contains.

RYB(162, 92, 131)	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, 92, 131)

Conversions

Conversions Part 1

Format	Color
Hex	A25C83
RGB	162, 92, 131
RGB Percent	64%, 36%, 51%
CMY	0.3647, 0.6392, 0.4863
CMYK	0.00, 0.43, 0.19, 0.36
HSL	327°, 28%, 50%
HSV	327°, 43%, 64%
XYZ	22.8242, 16.9744, 23.5461
YIQ	117.3760, 29.2010, 26.9690

Conversions

Conversions Part 2

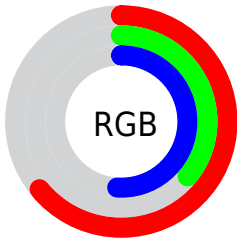
Format	Color
RYB	162, 92, 131
Decimal	10640515
CIELab	48.23, 33.94, -9.31
CIELCh	48, 35.192, 344.661
Yxy	16.9744, 0.3603, 0.2680
Android (android.graphics.Color)	4288830595 (0xFFA25C83)
YUV	117.3760, 6.7166, 39.1352
Hunter-Lab	41.2000, 26.7864, -5.0448

Details

The RYB color **162, 92, 131** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **92, 141, 162**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **218, 144, 184**, and **108, 43, 82** is the 20% darker color. If you saturate the color by 10%, you get **162, 76, 124**, and if you desaturate by 10%, it is **162, 108, 138**.

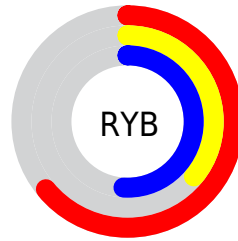
Distribution



Red (64%)

Green (36%)

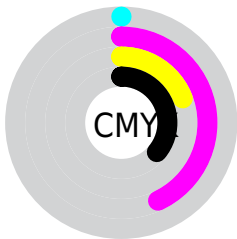
Blue (51%)



Red (64%)

Yellow (36%)

Blue (51%)

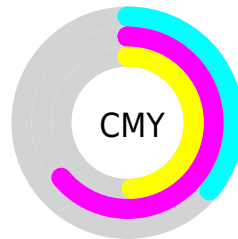


Cyan (0%)

Magenta (43%)

Yellow (19%)

Black (36%)



Cyan (36%)














Magenta (64%)







Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 92, 131 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, 92, 131 by changing the saturation by 10% instead.

 162, 92, 131	 162, 92, 131
 255, 255, 255	 135, 67, 106
 218, 144, 184	 108, 43, 82
 247, 171, 212	 83, 18, 59
 255, 198, 240	 58, 0, 37
 255, 227, 255	 37, 0, 16
	 0, 0, 0

 162, 92, 131	 162, 92, 131
 162, 76, 124	 162, 108, 138
 162, 60, 117	 162, 124, 145

162, 43, 109

162, 141, 153

162, 27, 102

162, 157, 160

162, 11, 95

162, 170, 173

162, 0, 90

162, 181, 189

162, 192, 205

162, 204, 222

162, 215, 238

Harmonies

Analogous

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



136, 101, 157



162, 92, 131



171, 90, 101

Triad

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



162, 92, 131



56, 118, 55



0, 70, 155

Complementary

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



162, 92, 131



92, 141, 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, 65, 130



162, 92, 131



71, 125, 111

Square

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



162, 92, 131



126, 146, 57



40, 94, 129



17, 79, 171

Rectangle

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



162, 92, 131



168, 96, 82



40, 94, 129



0, 69, 147

Sweetspot

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



162, 92, 131



212, 184, 199



122, 92, 162



107, 90, 100



235, 235, 235



107, 107, 107

Same Dimension

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



162, 92, 131



212, 102, 163



162, 92, 97



82, 73, 78



145, 0, 81



18, 0, 10

Inverse Universe

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



162, 92, 131



212, 102, 163



92, 128, 162



82, 73, 78



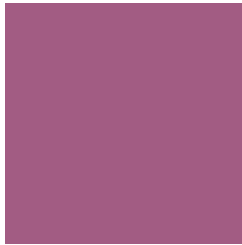
145, 0, 81



18, 0, 10

Previews

White Background



This preview shows how the RYB color 162, 92, 131 looks on a white background.

Color Contrast Check

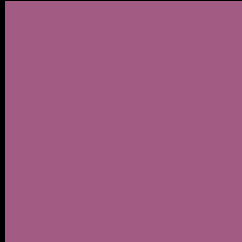
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

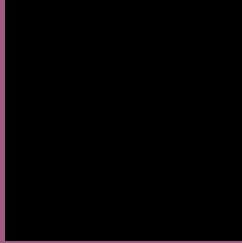
Any Text WCAG AA × Fail

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, 92, 131 Background



This preview shows how black text looks on a background with the RYB color 162, 92, 131.

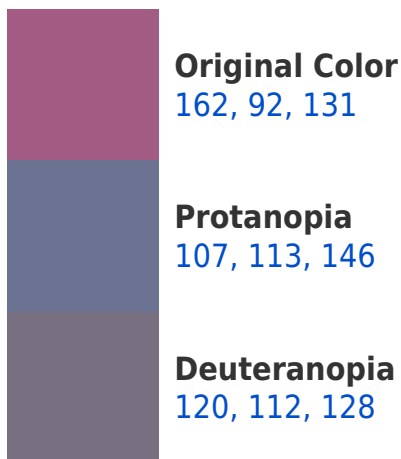


This preview shows how white text looks on a background with the RYB color 162, 92, 131.

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
159, 97, 104

Trichromacy



Original Color
162, 92, 131

Protanomaly
127, 106, 141

Deuteranomaly
135, 105, 129

Tritanomaly
160, 95, 114

Monochromacy



Original Color
162, 92, 131

Achromatopsia
117, 117, 117

Achromatomaly
133, 108, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 92, 131 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, 92, 131)` looks like.

```
.text, #text, p{  
    color:rgb(162, 92, 131)  
}
```

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, 92, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 92, 131) }
```

Border

The CSS property to change the border of an element to RYB 162, 92, 131 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, 92, 131) }
```

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

```
.border{ border-color:rgb(162, 92, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 92, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 92, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 92, 131);  
box-shadow:4px 4px 4px 4px rgb(162, 92,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 162, 92, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 92, 131) }
```

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

```
.background{ background-color: rgb(162, 92,  
131) }
```

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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