

Converting Colors

`RYB(182, 62, 126)`

Have a look what the booklet for
RYB(182, 62, 126) contains.

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Color

`RYB(182, 62, 126)`

Conversions

Conversions Part 1

Format	Color
Hex	B63E7E
RGB	182, 62, 126
RGB Percent	71%, 24%, 49%
CMY	0.2863, 0.7569, 0.5059
CMYK	0.00, 0.66, 0.31, 0.29
HSL	328°, 49%, 48%
HSV	328°, 66%, 71%
XYZ	24.7799, 14.8967, 21.3080
YIQ	105.1760, 50.9760, 45.3440

Conversions

Conversions Part 2

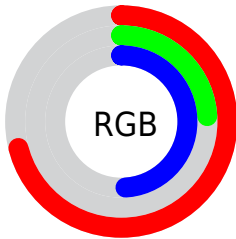
Format	Color
RYB	182, 62, 126
Decimal	11943550
CIELab	45.49, 54.36, -10.09
CIELCh	45, 55.292, 349.481
Yxy	14.8967, 0.4063, 0.2443
Android (android.graphics.Color)	4290133630 (0xFFB63E7E)
YUV	105.1760, 10.2662, 67.3746
Hunter-Lab	38.5962, 47.0589, -5.7151

Details

The RYB color **182, 62, 126** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 144, 182**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **241, 117, 179**, and **125, 0, 77** is the 20% darker color. If you saturate the color by 10%, you get **182, 44, 118**, and if you desaturate by 10%, it is **182, 80, 134**.

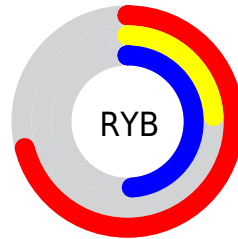
Distribution



Red (71%)

Green (24%)

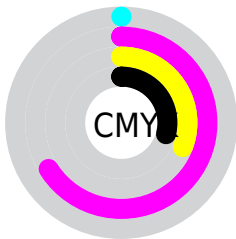
Blue (49%)



Red (71%)

Yellow (24%)

Blue (49%)

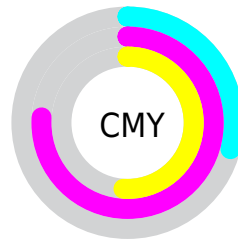


Cyan (0%)

Magenta (66%)

Yellow (31%)

Black (29%)



Cyan (29%)

Magenta (76%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 62, 126 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 182, 62, 126 by changing the saturation by 10% instead.



182, 62, 126



182, 62, 126

255, 255, 255



153, 32, 101



241, 117, 179



125, 0, 77



255, 145, 206



97, 0, 54



255, 173, 234



70, 0, 33



255, 201, 255



46, 0, 7



255, 230, 255



0, 0, 0



182, 62, 126



182, 62, 126



182, 44, 118



182, 80, 134



182, 26, 109



182, 98, 143

182, 7, 101

182, 117, 151

182, 0, 97

182, 135, 160

182, 153, 168

182, 171, 177

182, 187, 189

182, 200, 208

182, 212, 226

Harmonies

Analogous

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



147, 81, 168



182, 62, 126



189, 62, 80

Triad

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



182, 62, 126



0, 114, 13



0, 74, 177

Complementary

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



182, 62, 126



62, 144, 182

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, 66, 137



182, 62, 126



40, 120, 123

Square

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



182, 62, 126



61, 143, 0



0, 76, 128



0, 74, 199

Rectangle

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



182, 62, 126



181, 77, 51



0, 76, 128



0, 72, 166

Sweetspot

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



182, 62, 126



237, 190, 215



118, 62, 182



120, 91, 106



247, 247, 247



120, 120, 120

Same Dimension

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



182, 62, 126



237, 50, 150



182, 62, 66



92, 83, 88



156, 0, 83



28, 0, 15

Inverse Universe

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



182, 62, 126



237, 50, 150



62, 123, 182



92, 83, 88



156, 0, 83



28, 0, 15

Previews

White Background



This preview shows how the RYB color 182, 62, 126 looks on a white background.

Color Contrast Check

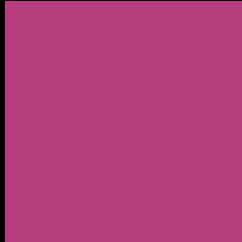
Large Text (above 18pt) WCAG AA ✓ Pass

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 182, 62, 126 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](#).

RYP 182, 62, 126 Background



This preview shows how black text looks on a background with the RYP color 182, 62, 126.



This preview shows how white text looks on a background with the RYP color 182, 62, 126.

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



Original Color
182, 62, 126

Protanopia
92, 104, 157

Deuteranopia
114, 105, 120



Tritanopia
178, 74, 78

Trichromacy



Original Color

182, 62, 126

Protanomaly

125, 91, 146

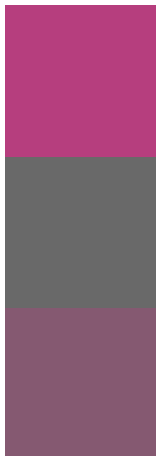
Deuteranomaly

139, 89, 122

Tritanomaly

179, 70, 95

Monochromacy



Original Color

182, 62, 126

Achromatopsia

105, 105, 105

Achromatomaly

133, 89, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 62, 126 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(182, 62, 126)` looks like.

```
.text, #text, p{  
    color:rgb(182, 62, 126)  
}
```

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(182, 62, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 62, 126) }
```

Border

The CSS property to change the border of an element to RYB 182, 62, 126 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(182, 62, 126) }
```

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

```
.border{ border-color:rgb(182, 62, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 62, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 62, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 62, 126);  
box-shadow:4px 4px 4px 4px rgb(182, 62,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 182, 62, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 62, 126) }
```

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

```
.background{ background-color: rgb(182, 62,  
126) }
```

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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