

Converting Colors

`RYB(182, 186, 242)`

Have a look what the booklet for RYB(182, 186, 242) contains.

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Color

R_YB(182, 186, 242)

Conversions

Conversions Part 1

Format	Color
Hex	B6BAF2
RGB	182, 186, 242
RGB Percent	71%, 73%, 95%
CMY	0.2863, 0.2695, 0.0510
CMYK	0.25, 0.23, 0.00, 0.05
HSL	236°, 70%, 83%
HSV	236°, 25%, 95%
XYZ	52.9376, 51.5942, 91.1730
YIQ	191.1880, -20.3600, 16.5680

Conversions

Conversions Part 2

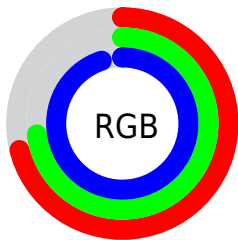
Format	Color
R _Y B	182, 186, 242
Decimal	11975410
CIE Lab	77.04, 10.36, -28.10
CIE LCh	77, 29.948, 290.235
Yxy	51.5942, 0.2705, 0.2636
Android (android.graphics.Color)	4290165490 (0xFFB6BAF2)
YUV	191.1880, 25.0503, -8.0579
Hunter-Lab	71.8291, 5.8524, -24.9767

Details

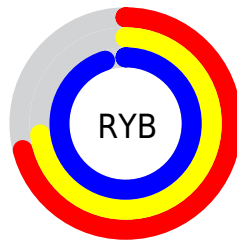
The RYB color **182, 186, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **186, 242, 182**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **239, 242, 255**, and **128, 133, 186** is the 20% darker color. If you saturate the color by 10%, you get **158, 164, 242**, and if you desaturate by 10%, it is **206, 209, 242**.

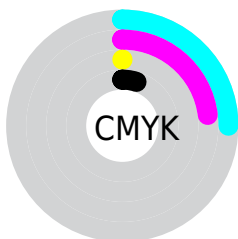
Distribution



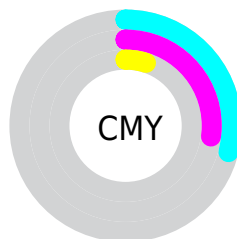
- Red (71%)
- Green (73%)
- Blue (95%)



- Red (71%)
- Yellow (73%)
- Blue (95%)



- Cyan (25%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 186, 242 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, 186, 242 by changing the saturation by 10% instead.

■ 182, 186, 242

255, 255, 255

■ 239, 242, 255

■ 182, 186, 242

■ 155, 159, 214

■ 128, 133, 186

■ 102, 107, 159

■ 77, 83, 132

■ 52, 60, 107

■ 26, 37, 82


■ 0, 14, 59

■ 0, 2, 37

■ 0, 1, 14

 182, 186, 242

 182, 186, 242

 158, 164, 242

 206, 209, 242

 134, 141, 242

 230, 231, 242

 109, 118, 242

 243, 255, 242


 85, 95, 242

 242, 255, 242

 61, 73, 242

 37, 50, 242

 13, 28, 242

 0, 16, 242

Harmonies

Analogous

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



142, 177, 244



182, 186, 242



217, 177, 226

Triad

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



182, 186, 242



238, 188, 149



128, 174, 205

Complementary

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



182, 186, 242



186, 242, 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.



154, 201, 196



182, 186, 242



194, 219, 136

Square

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



182, 186, 242



246, 171, 172



138, 194, 141



107, 157, 208

Rectangle

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



182, 186, 242



233, 172, 210



138, 194, 141



138, 182, 204

Sweetspot

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



182, 186, 242



237, 238, 255



182, 213, 242



117, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



182, 186, 242



179, 184, 255



207, 182, 242



108, 109, 120



0, 12, 184



0, 4, 56

Inverse Universe

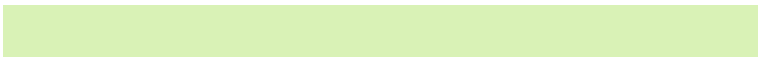
The Inverse Universe completely reimagines the original color for something new.



242, 182, 186



255, 179, 184



182, 242, 207



120, 108, 109



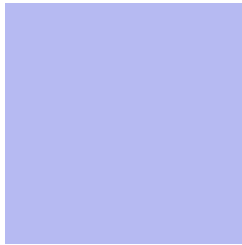
184, 0, 13



56, 0, 4

Previews

White Background



This preview shows how the RYB color 182, 186, 242 looks on a white background.

Color Contrast Check

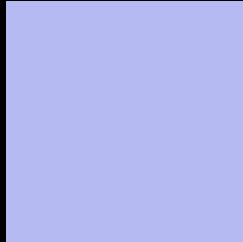
Large Text (above 18pt) WCAG AA × Fail

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 182, 186, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

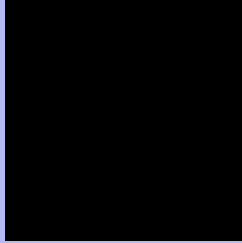
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 182, 186, 242 Background



This preview shows how black text looks on a background with the RYB color 182, 186, 242.



This preview shows how white text looks on a background with the RYB color 182, 186, 242.

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, 186, 242

Protanopia
176, 186, 243

Deuteranopia
181, 186, 242



Tritanopia
175, 186, 208

Trichromacy



Original Color
182, 186, 242

Protanomaly
178, 186, 243

Deuteranomaly
181, 186, 242

Tritanomaly
178, 187, 220

Monochromacy



Original Color
182, 186, 242

Achromatopsia
191, 191, 191

Achromatomaly
188, 189, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 186, 242 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, 186, 242)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 242)  
}
```

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, 186, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 242) }
```

Border

The CSS property to change the border of an element to RYB 182, 186, 242 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, 186, 242) }
```

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

```
.border{ border-color:rgb(182, 186, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 186, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 242);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 182, 186, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 242) }
```

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

```
.background{ background-color: rgb(182,  
186, 242) }
```

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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