

Converting Colors

RGB(172, 186, 239)

Have a look what the booklet for
RGB(172, 186, 239) contains.

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Color

RGB(172, 186, 239)

Conversions

Conversions Part 1

Format	Color
Hex	ACBAEF
RGB	172, 186, 239
RGB Percent	67%, 73%, 94%
CMY	0.3255, 0.2706, 0.0627
CMYK	0.28, 0.22, 0.00, 0.06
HSL	227°, 68%, 81%
HSV	227°, 28%, 94%
XYZ	50.1522, 50.1205, 88.6923
YIQ	187.8560, -25.3570, 13.5150

Conversions

Conversions Part 2

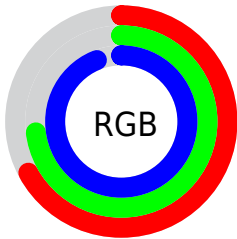
Format	Color
R _Y B	172, 184, 239
Decimal	11320047
CIE Lab	76.14, 6.87, -27.92
CIE LCh	76, 28.748, 283.821
Yxy	50.1205, 0.2654, 0.2652
Android (android.graphics.Color)	4289510127 (0xFFACBAEF)
YUV	187.8560, 25.2140, -13.9057
Hunter-Lab	70.7958, 2.5578, -24.7208

Details

The RGB color **172, 186, 239** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **239, 225, 172**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **228, 242, 255**, and **118, 133, 183** is the 20% darker color. If you saturate the color by 10%, you get **148, 167, 239**, and if you desaturate by 10%, it is **196, 205, 239**.

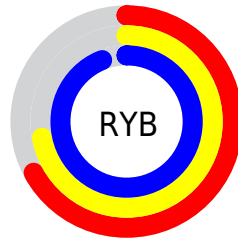
Distribution



Red (67%)

Green (73%)

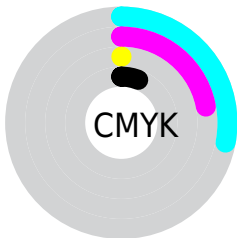
Blue (94%)



Red (67%)

Yellow (72%)

Blue (94%)

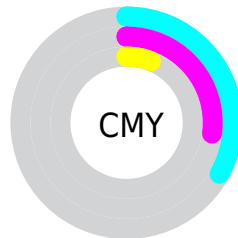


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (27%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 186, 239 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 RGB color 172, 186, 239 by changing the saturation by 10% instead.

■ 172, 186, 239

255, 255, 255

■ 228, 242, 255

■ 172, 186, 239

■ 145, 159, 211

■ 118, 133, 183

■ 92, 108, 156

■ 67, 84, 130


■ 41, 61, 104


■ 12, 39, 80


■ 0, 19, 57

■ 0, 2, 35


■ 0, 0, 10

 172, 186, 239


 172, 186, 239

 148, 167, 239


 196, 205, 239

 124, 148, 239

 220, 224, 239

 100, 129, 239

 244, 243, 239

 76, 110, 239

 255, 255, 239

 52, 91, 239

 29, 73, 239

 5, 54, 239

 0, 50, 239

Harmonies

Analogous

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



135, 194, 238



172, 186, 239



207, 177, 226

Triad

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



172, 186, 239



237, 173, 152



134, 202, 172

Complementary

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



172, 186, 239



239, 225, 172

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.



165, 197, 149



172, 186, 239



220, 181, 137

Square

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



172, 186, 239



242, 168, 176



194, 190, 136



112, 203, 199

Rectangle

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



172, 186, 239



225, 172, 212



194, 190, 136



144, 200, 164

Sweetspot

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



172, 186, 239



235, 239, 255



172, 239, 224



115, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 186, 239



168, 186, 255



191, 172, 239



108, 110, 120



0, 38, 184



0, 12, 56

Inverse Universe

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



239, 172, 186



255, 168, 186



220, 239, 172



120, 108, 110



184, 0, 38



56, 0, 12

Previews

White Background



This preview shows how the RGB color 172, 186, 239 looks on a white background.

Color Contrast Check

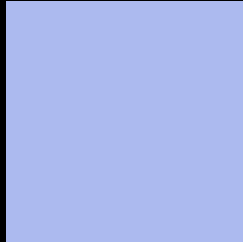
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 172, 186, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

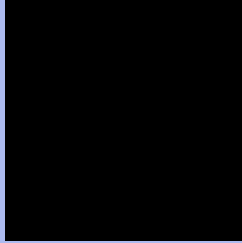
Any Text WCAG AA ✓ Pass

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](#).

RGB 172, 186, 239 Background



This preview shows how black text looks on a background with the RGB color 172, 186, 239.



This preview shows how white text looks on a background with the RGB color 172, 186, 239.

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](#).

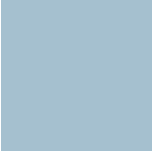
Dichromacy



Original Color
172, 186, 239

Protanopia
174, 185, 239

Deuteranopia
178, 184, 239



Tritanopia
165, 192, 207

Trichromacy



Original Color

172, 186, 239

Protanomaly

173, 185, 239

Deuteranomaly

176, 185, 239

Tritanomaly

168, 190, 219

Monochromacy



Original Color

172, 186, 239

Achromatopsia

188, 188, 188

Achromatomaly

182, 187, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 186, 239 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(172, 186, 239)` looks like.

```
.text, #text, p{  
    color:rgb(172, 186, 239)  
}
```

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(172, 186, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 186, 239) }
```

Border

The CSS property to change the border of an element to RGB 172, 186, 239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

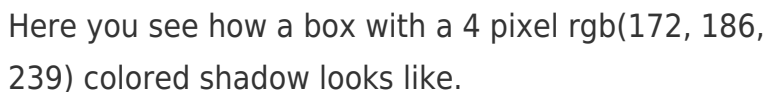
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 186, 239) }
```

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

```
.border{ border-color:rgb(172, 186, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 186, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 186, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 186, 239); box-shadow:4px 4px 4px 4px rgb(172, 186, 239) }
```

Background

The CSS property to change the background color of an element to RGB 172, 186, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 186, 239) }
```

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

```
.background{ background-color: rgb(172,  
186, 239) }
```

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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