

Converting Colors

RGB(164, 172, 255)

Have a look what the booklet for
RGB(164, 172, 255) contains.

RGB(164, 172, 255)	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

RGB(164, 172, 255)

Conversions

Conversions Part 1

Format	Color
Hex	A4ACFF
RGB	164, 172, 255
RGB Percent	64%, 67%, 100%
CMY	0.3569, 0.3255, 0.0000
CMYK	0.36, 0.33, 0.00, 0.00
HSL	235°, 100%, 82%
HSV	235°, 36%, 100%
XYZ	48.1124, 44.6176, 100.6840
YIQ	179.0700, -31.4110, 24.1170

Conversions

Conversions Part 2

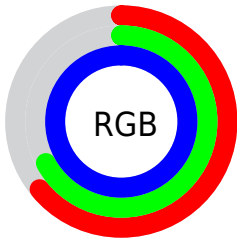
Format	Color
RYB	164, 171, 255
Decimal	10792191
CIELab	72.64, 16.42, -42.02
CIELCh	73, 45.115, 291.339
Yxy	44.6176, 0.2488, 0.2307
Android (android.graphics.Color)	4288982271 (0xFFA4ACFF)
YUV	179.0700, 37.4335, -13.2164
Hunter-Lab	66.7964, 11.6770, -42.6120

Details

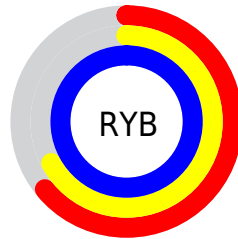
The RGB color **164, 172, 255** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **255, 247, 164**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **221, 227, 255**, and **109, 120, 198** is the 20% darker color. If you saturate the color by 10%, you get **139, 149, 255**, and if you desaturate by 10%, it is **190, 195, 255**.

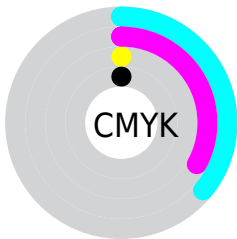
Distribution



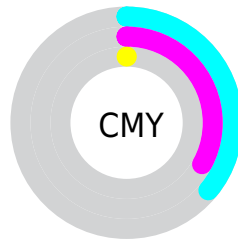
- Red (64%)
- Green (67%)
- Blue (100%)



- Red (64%)
- Yellow (67%)
- Blue (100%)



- Cyan (36%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 172, 255 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 164, 172, 255 by changing the saturation by 10% instead.

 164, 172, 255

255, 255, 255


 221, 227, 255

 251, 255, 255

 164, 172, 255

 136, 146, 226

 109, 120, 198

 81, 95, 170

 53, 72, 144

 20, 50, 118

 0, 29, 92

 0, 4, 68

 0, 3, 45

 0, 1, 24

■ 164, 172, 255

■ 164, 172, 255

■ 139, 149, 255

■ 190, 195, 255

■ 113, 125, 255

■ 215, 219, 255

■ 88, 102, 255

■ 241, 242, 255

■ 62, 79, 255

255, 255, 255

■ 36, 56, 255

■ 11, 32, 255

■ 0, 22, 255

Harmonies

Analogous

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



87, 186, 255



164, 172, 255



218, 157, 230

Triad

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



164, 172, 255



244, 157, 115



63, 199, 164

Complementary

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



164, 172, 255



255, 247, 164

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.



127, 194, 125



164, 172, 255



215, 172, 96

Square

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



164, 172, 255



255, 146, 150



175, 185, 99



0, 200, 207

Rectangle

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



164, 172, 255



242, 149, 206



175, 185, 99



88, 198, 150

Sweetspot

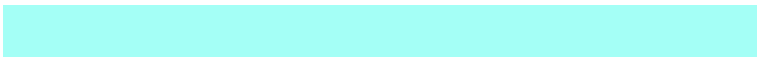
The Sweet Spot groups the original color and five complimentary colors.



164, 172, 255



227, 229, 255



164, 255, 246



111, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



164, 172, 255



145, 155, 255



200, 164, 255



115, 116, 128



0, 17, 191



0, 6, 64

Inverse Universe

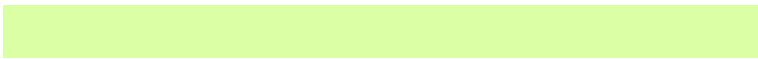
The Inverse Universe completely reimagines the original color for something new.



255, 164, 172



255, 145, 155



219, 255, 164



128, 115, 116



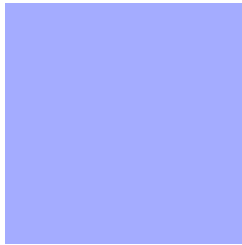
191, 0, 17



64, 0, 6

Previews

White Background



This preview shows how the RGB color 164, 172, 255 looks on a white background.

Color Contrast Check

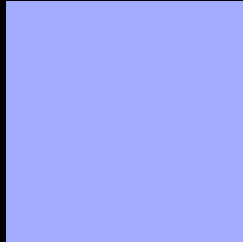
Large Text (above 18pt) WCAG AA × Fail

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 164, 172, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

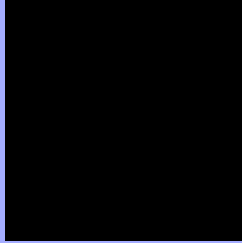
Any Text WCAG AA ✓ Pass

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 164, 172, 255 Background



This preview shows how black text looks on a background with the RGB color 164, 172, 255.



This preview shows how white text looks on a background with the RGB color 164, 172, 255.

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](#).

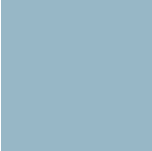
Dichromacy



Original Color
164, 172, 255

Protanopia
152, 175, 255

Deuteranopia
149, 176, 254



Tritanopia
151, 183, 198

Trichromacy



Original Color
164, 172, 255

Protanomaly
156, 174, 255

Deuteranomaly
154, 175, 254

Tritanomaly
156, 179, 219

Monochromacy



Original Color
164, 172, 255

Achromatopsia
179, 179, 179

Achromatomaly
174, 176, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 172, 255 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(164, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 172, 255)  
}
```

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(164, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 172, 255) }
```

Border

The CSS property to change the border of an element to RGB 164, 172, 255 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(164, 172, 255) }
```

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

```
.border{ border-color:rgb(164, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 172,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 164, 172, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 172, 255) }
```

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

```
.background{ background-color: rgb(164,  
172, 255) }
```

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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