

Converting Colors

RGB(172, 172, 227)

Have a look what the booklet for
RGB(172, 172, 227) contains.

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Color

RGB(172, 172, 227)

Conversions

Conversions Part 1

Format	Color
Hex	ACACE3
RGB	172, 172, 227
RGB Percent	67%, 67%, 89%
CMY	0.3255, 0.3255, 0.1098
CMYK	0.24, 0.24, 0.00, 0.11
HSL	240°, 50%, 78%
HSV	240°, 24%, 89%
XYZ	45.6309, 43.8218, 78.7265
YIQ	178.2700, -17.6550, 17.1050

Conversions

Conversions Part 2

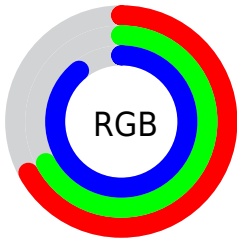
Format	Color
RYB	172, 172, 227
Decimal	11316451
CIELab	72.11, 11.73, -27.60
CIELCh	72, 29.985, 293.028
Yxy	43.8218, 0.2713, 0.2606
Android (android.graphics.Color)	4289506531 (0xFFACACE3)
YUV	178.2700, 24.0239, -5.4988
Hunter-Lab	66.1980, 7.1952, -24.1725

Details

The RGB color **172, 172, 227** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **227, 227, 172**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **228, 227, 255**, and **119, 120, 171** is the 20% darker color. If you saturate the color by 10%, you get **149, 149, 227**, and if you desaturate by 10%, it is **195, 195, 227**.

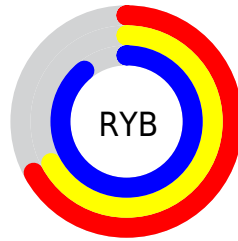
Distribution



Red (67%)

Green (67%)

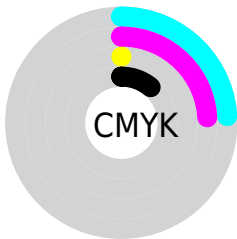
Blue (89%)



Red (67%)

Yellow (67%)

Blue (89%)

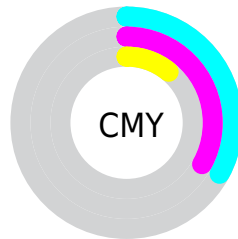


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 172, 227 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, 172, 227 by changing the saturation by 10% instead.

■ 172, 172, 227

255, 255, 255

■ 228, 227, 255

■ 172, 172, 227

■ 145, 145, 199

■ 119, 120, 171

■ 93, 95, 145

■ 68, 72, 119


■ 44, 49, 94


■ 18, 28, 70


■ 0, 2, 48

■ 0, 1, 26


■ 0, 0, 0

 172, 172, 227

 172, 172, 227

 149, 149, 227


 195, 195, 227

 127, 127, 227

 217, 217, 227

 104, 104, 227

 240, 240, 227


 81, 81, 227

 255, 255, 227

 59, 59, 227

 36, 36, 227

 13, 13, 227

 0, 0, 227

Harmonies

Analogous

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



132, 181, 231



172, 172, 227



206, 163, 210

Triad

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



172, 172, 227



223, 164, 134



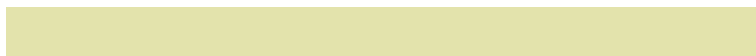
112, 192, 169

Complementary

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



172, 172, 227



227, 227, 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.



143, 188, 143



172, 172, 227



202, 173, 123

Square

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



172, 172, 227



232, 157, 157



174, 182, 126



91, 192, 197

Rectangle

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



172, 172, 227



221, 158, 193



174, 182, 126



122, 191, 160

Sweetspot

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



172, 172, 227



237, 237, 255



172, 227, 227



117, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 172, 227



181, 181, 255



200, 172, 227



103, 103, 115



0, 0, 179



0, 0, 51

Inverse Universe

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



227, 172, 227



255, 181, 255



200, 227, 172



115, 103, 115



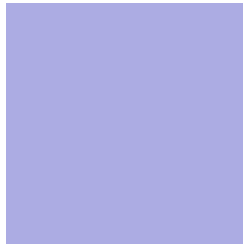
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 172, 172, 227 looks on a white background.

Color Contrast Check

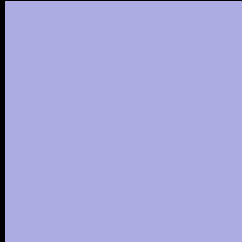
Large Text (above 18pt) WCAG AA × Fail

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, 172, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

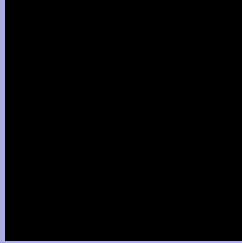
Any Text WCAG AA ✓ Pass

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, 172, 227 Background



This preview shows how black text looks on a background with the RGB color 172, 172, 227.



This preview shows how white text looks on a background with the RGB color 172, 172, 227.

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](#).

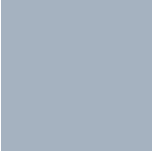
Dichromacy



Original Color
172, 172, 227

Protanopia
162, 175, 229

Deuteranopia
167, 173, 227



Tritanopia
165, 178, 192

Trichromacy



Original Color

172, 172, 227

Protanomaly

166, 174, 228

Deuteranomaly

169, 173, 227

Tritanomaly

168, 176, 205

Monochromacy



Original Color

172, 172, 227

Achromatopsia

178, 178, 178

Achromatomaly

176, 176, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 172, 227 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, 172, 227)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 227)  
}
```

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, 172, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 227) }
```

Border

The CSS property to change the border of an element to RGB 172, 172, 227 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, 172, 227) }
```

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

```
.border{ border-color:rgb(172, 172, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 172, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 227);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 172, 172, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 227) }
```

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

```
.background{ background-color: rgb(172,  
172, 227) }
```

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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