

Converting Colors

RGB(191, 172, 242)

Have a look what the booklet for
RGB(191, 172, 242) contains.

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Color

RGB(191, 172, 242)

Conversions

Conversions Part 1

Format	Color
Hex	BFACF2
RGB	191, 172, 242
RGB Percent	75%, 67%, 95%
CMY	0.2510, 0.3255, 0.0510
CMYK	0.21, 0.29, 0.00, 0.05
HSL	256°, 73%, 81%
HSV	256°, 29%, 95%
XYZ	52.2654, 46.9922, 90.3201
YIQ	185.6610, -11.1460, 25.7980

Conversions

Conversions Part 2

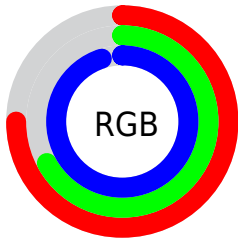
Format	Color
R _Y B	191, 172, 242
Decimal	12561650
CIE Lab	74.18, 20.91, -32.43
CIE LCh	74, 38.583, 302.809
Yxy	46.9922, 0.2757, 0.2479
Android (android.graphics.Color)	4290751730 (0xFFBFACF2)
YUV	185.6610, 27.7751, 4.6823
Hunter-Lab	68.5509, 16.1301, -30.1327

Details

The RGB color **191, 172, 242** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **223, 242, 172**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **248, 227, 255**, and **136, 120, 186** is the 20% darker color. If you saturate the color by 10%, you get **173, 148, 242**, and if you desaturate by 10%, it is **209, 196, 242**.

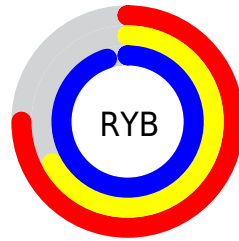
Distribution



Red (75%)

Green (67%)

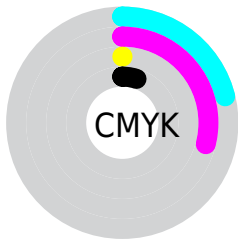
Blue (95%)



Red (75%)

Yellow (67%)

Blue (95%)

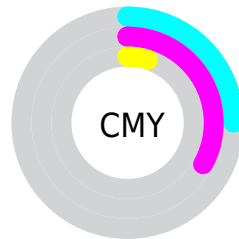


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (33%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 172, 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 RGB color 191, 172, 242 by changing the saturation by 10% instead.

■ 191, 172, 242

255, 255, 255

■ 248, 227, 255

■ 191, 172, 242

■ 163, 145, 213

■ 136, 120, 186

■ 110, 95, 158

■ 85, 71, 132


■ 60, 48, 107


■ 35, 27, 82


■ 11, 4, 59


■ 0, 2, 36

■ 0, 0, 12

 191, 172, 242

 191, 172, 242

 173, 148, 242

 209, 196, 242

 156, 124, 242


 226, 220, 242

 138, 99, 242


 244, 245, 242


 120, 75, 242

 255, 255, 242

 103, 51, 242

 85, 27, 242

 68, 3, 242

 66, 0, 242

Harmonies

Analogous

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



137, 185, 253



191, 172, 242



230, 160, 215

Triad

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



191, 172, 242



232, 169, 120



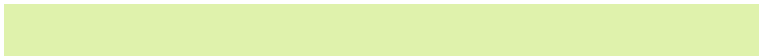
75, 201, 185

Complementary

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



191, 172, 242



223, 242, 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.



123, 199, 149



191, 172, 242



203, 181, 111

Square

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



191, 172, 242



250, 159, 146



165, 192, 122



38, 200, 220

Rectangle

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



191, 172, 242



245, 156, 192



165, 192, 122



92, 201, 172

Sweetspot

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



191, 172, 242



238, 232, 255



172, 223, 242



117, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 172, 242



190, 166, 255



226, 172, 242



111, 108, 120



50, 0, 184



15, 0, 56

Inverse Universe

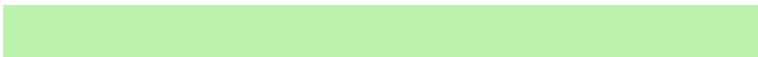
The Inverse Universe completely reimagines the original color for something new.



242, 172, 223



255, 166, 231



188, 242, 172



120, 108, 117



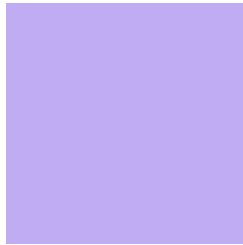
184, 0, 134



56, 0, 41

Previews

White Background



This preview shows how the RGB color 191, 172, 242 looks on a white background.

Color Contrast Check

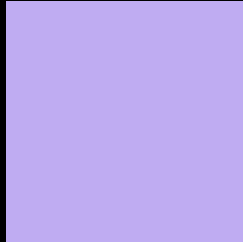
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 191, 172, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

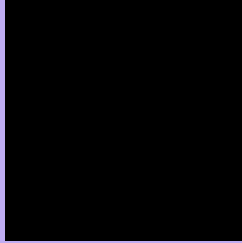
Any Text WCAG AA ✓ Pass

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](#).

RGB 191, 172, 242 Background



This preview shows how black text looks on a background with the RGB color 191, 172, 242.



This preview shows how white text looks on a background with the RGB color 191, 172, 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
191, 172, 242

Protanopia
163, 180, 248

Deuteranopia
168, 179, 240



Tritanopia
183, 181, 195

Trichromacy



Original Color
191, 172, 242

Protanomaly
173, 177, 246

Deuteranomaly
176, 176, 241

Tritanomaly
186, 178, 212

Monochromacy



Original Color
191, 172, 242

Achromatopsia
186, 186, 186

Achromatomaly
188, 181, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 172, 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(191, 172, 242)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 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(191, 172, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 242) }
```

Border

The CSS property to change the border of an element to RGB 191, 172, 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(191, 172, 242) }
```

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

```
.border{ border-color:rgb(191, 172, 242) }
```

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

Here you see how a box with a 4 pixel rgb(191, 172, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 242);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 191, 172, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 242) }
```

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

```
.background{ background-color: rgb(191,  
172, 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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