

Converting Colors

RGB(171, 105, 252)

Have a look what the booklet for
RGB(171, 105, 252) contains.

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Color

RGB(171, 105, 252)

Conversions

Conversions Part 1

Format	Color
Hex	AB69FC
RGB	171, 105, 252
RGB Percent	67%, 41%, 99%
CMY	0.3294, 0.5882, 0.0118
CMYK	0.32, 0.58, 0.00, 0.01
HSL	267°, 96%, 70%
HSV	267°, 58%, 99%
XYZ	39.4168, 25.7894, 94.9958
YIQ	141.4920, -7.8510, 59.7090

Conversions

Conversions Part 2

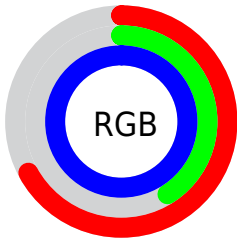
Format	Color
R_{YB}	171, 105, 252
Decimal	11233788
CIE _{Lab}	57.84, 54.60, -63.80
CIE _{LCh}	58, 83.979, 310.557
Yxy	25.7894, 0.2460, 0.1610
Android (android.graphics.Color)	4289423868 (0xFFAB69FC)
YUV	141.4920, 54.4804, 25.8785
Hunter-Lab	50.7832, 49.6773, -75.3605

Details

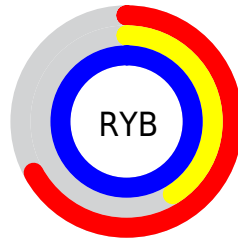
The RGB color **171, 105, 252** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **186, 252, 105**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **230, 159, 255**, and **113, 53, 194** is the 20% darker color. If you saturate the color by 10%, you get **157, 80, 252**, and if you desaturate by 10%, it is **185, 130, 252**.

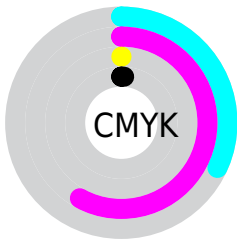
Distribution



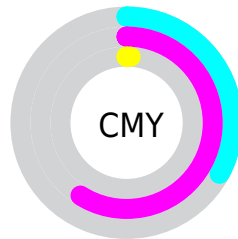
- Red (67%)
- Green (41%)
- Blue (99%)



- Red (67%)
- Yellow (41%)
- Blue (99%)



- Cyan (32%)
- Magenta (58%)
- Yellow (0%)
- Black (1%)




- Cyan (33%)
- Magenta (59%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 105, 252 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 171, 105, 252 by changing the saturation by 10% instead.

 171, 105, 252


255, 255, 255

 230, 159, 255

 255, 186, 255

 255, 215, 255

 255, 244, 255

 171, 105, 252

 142, 79, 223

 113, 53, 194

 84, 26, 167

 54, 0, 140


 14, 0, 113


 0, 0, 88

 0, 5, 63

 0, 3, 40


 0, 1, 18

 171, 105, 252

 171, 105, 252

 157, 80, 252


 185, 130, 252

 143, 55, 252


 199, 155, 252

 129, 29, 252

 213, 181, 252

 115, 4, 252

 227, 206, 252

 113, 0, 252

 240, 231, 252

254, 255, 252

255, 255, 252

Harmonies

Analogous

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



0, 140, 255



171, 105, 252



243, 58, 190

Triad

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



171, 105, 252



206, 117, 0



0, 170, 164

Complementary

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



171, 105, 252



186, 252, 105

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.



0, 167, 87



171, 105, 252



145, 144, 0

Square

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



171, 105, 252



250, 77, 45



55, 160, 0



0, 169, 234

Rectangle

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



171, 105, 252



255, 34, 141



55, 160, 0



0, 170, 138

Sweetspot

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



171, 105, 252



230, 209, 255



105, 188, 252



112, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 105, 252



157, 77, 255



242, 105, 252



118, 112, 125



85, 0, 189



27, 0, 61

Inverse Universe

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



252, 105, 186



255, 77, 175



115, 252, 105



125, 112, 119



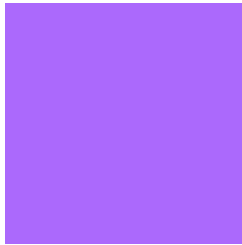
189, 0, 104



61, 0, 34

Previews

White Background



This preview shows how the RGB color 171, 105, 252 looks on a white background.

Color Contrast Check

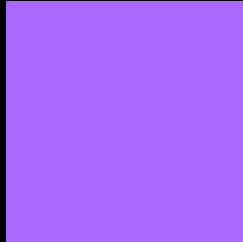
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 105, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

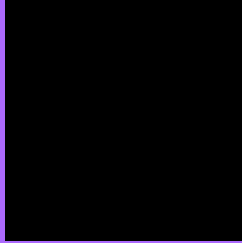
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 171, 105, 252 Background



This preview shows how black text looks on a background with the RGB color 171, 105, 252.

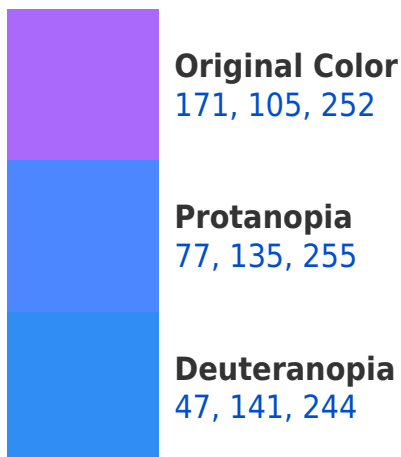



This preview shows how white text looks on a background with the RGB color 171, 105, 252.

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





Tritanopia
150, 134, 145

Trichromacy



Original Color

171, 105, 252



Protanomaly

111, 124, 254



Deuteranomaly

92, 128, 247



Tritanomaly

158, 123, 184

Monochromacy



Original Color

171, 105, 252



Achromatopsia

141, 141, 141



Achromatomaly

152, 128, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 105, 252 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(171, 105, 252)` looks like.

```
.text, #text, p{  
    color:rgb(171, 105, 252)  
}
```

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(171, 105, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 105, 252) }
```

Border

The CSS property to change the border of an element to RGB 171, 105, 252 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(171, 105, 252) }
```

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

```
.border{ border-color:rgb(171, 105, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 105, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 105, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 105, 252);  
box-shadow:4px 4px 4px 4px rgb(171, 105,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 171, 105, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 105, 252) }
```

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

```
.background{ background-color: rgb(171,  
105, 252) }
```

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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