Converting Colors

RGB(200, 162, 255)

Have a look what the booklet for RGB(200, 162, 255) contains.

Color

RGB(200, 162, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C8A2FF
RGB	200, 162, 255
RGB Percent	78%, 64%, 100%
CMY	0.2157, 0.3647, 0.0000
CMYK	0.22, 0.36, 0.00, 0.00
HSL	265°, 100%, 82%
HSV	265°, 36%, 100%
XYZ	54.7897, 45.3400, 100.4715
YIQ	183.9640, -7.2050, 36.9790

Conversions

Conversions Part 2

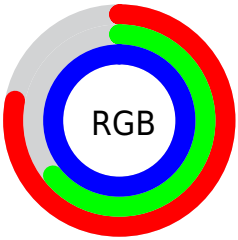
Format	Color
RYB	200, 162, 255
Decimal	13148927
CIELab	73.12, 32.01, -41.06
CIELCh	73, 52.065, 307.935
Yxy	45.3400, 0.2731, 0.2260
Android (android.graphics.Color)	4291339007 (0xFFC8A2FF)
YUV	183.9640, 35.0207, 14.0636
Hunter-Lab	67.3350, 27.4072, -41.3330

Details

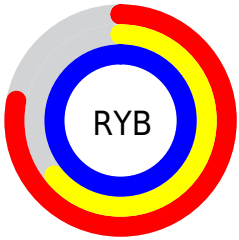
The RGB color 200, 162, 255 is a light color, and the websafe version is hex CC99FF. A complement of this color would be 217, 255, 162, and the grayscale version is 184, 184, 184.

A 20% lighter version of the original color is 255, 217, 255, and 144, 110, 198 is the 20% darker color. If you saturate the color by 10%, you get 185, 136, 255, and if you desaturate by 10%, it is 215, 187, 255.

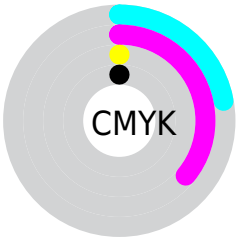
Distribution



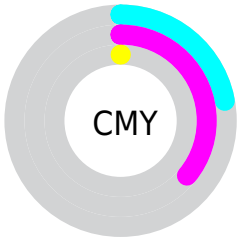
- Red (78%)
- Green (64%)
- Blue (100%)



- Red (78%)
- Yellow (64%)
- Blue (100%)



- Cyan (22%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 162, 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 200, 162, 255 by changing the saturation by 10% instead.

200, 162, 255

255, 255, 255

255, 217, 255

255, 246, 255

200, 162, 255

172, 136, 226

144, 110, 198

118, 85, 170

91, 61, 143

65, 38, 117

39, 16, 92

13, 0, 68

0, 2, 45

0, 1, 23

200, 162, 255

185, 136, 255

170, 111, 255

155, 86, 255

140, 60, 255

125, 34, 255

110, 9, 255

104, 0, 255

200, 162, 255

215, 187, 255

230, 213, 255

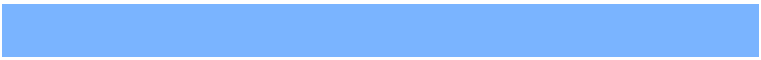
245, 239, 255

255, 255, 255

Harmonies

Analogous

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



122, 180, 255

200, 162, 255

248, 145, 216

Triad

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

200, 162, 255

237, 164, 91

0, 204, 191

Complementary

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

200, 162, 255

217, 255, 162

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.

76, 201, 142

200, 162, 255

196, 181, 81

Square

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

200, 162, 255

255, 148, 123

145, 194, 101

0, 202, 237

Rectangle

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

200, 162, 255

255, 140, 185

145, 194, 101

0, 203, 174

Sweetspot

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

200, 162, 255

238, 227, 255

162, 218, 255

118, 111, 128

0, 0, 0

128, 128, 128

Same Dimension

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

200, 162, 255

189, 143, 255

246, 162, 255

120, 115, 128

78, 0, 191

26, 0, 64

Inverse Universe

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

255, 162, 217

255, 143, 209

171, 255, 162

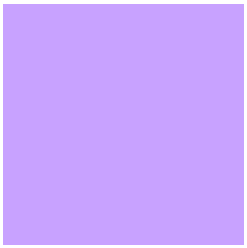
128, 115, 122

191, 0, 113

64, 0, 38

Previews

White Background

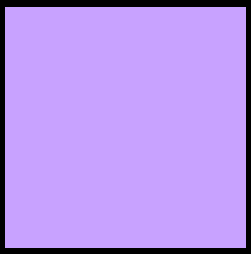


This preview shows how the RGB color 200, 162, 255 looks on a white background.

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 200, 162, 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 200, 162, 255 Background

This preview shows how black text looks on a background with the RGB color 200, 162, 255.

This preview shows how white text looks on a background with the RGB color 200, 162, 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

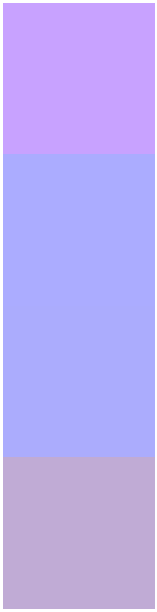
Original Color
200, 162, 255

Protanopia
154, 177, 255

Deuteranopia
154, 178, 252

Tritanopia
188, 176, 189

Trichromacy



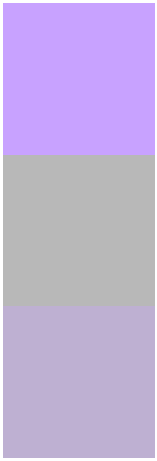
Original Color
200, 162, 255

Protanomaly
171, 172, 255

Deuteranomaly
171, 172, 253

Tritanomaly
192, 171, 213

Monochromacy



Original Color
200, 162, 255

Achromatopsia
184, 184, 184

Achromatomaly
190, 176, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 162, 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(200, 162, 255) looks like.

```
.text, #text, p{
    color:rgb(200, 162, 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(200, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 162, 255) }
```

Border

The CSS property to change the border of an element to RGB 200, 162, 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(200, 162, 255) }
```

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

```
.border{ border-color:rgb(200, 162, 255) }
```

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

Here you see how a box with a 4 pixel rgb(200, 162, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 162, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 162, 255); box-shadow:4px 4px 4px 4px rgb(200, 162, 255) }
```

Background

The CSS property to change the background color of an element to RGB 200, 162, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(200, 162, 255) }
```

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

```
.background{ background-color:rgb(200,
162, 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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