

Converting Colors

RGB(205, 101, 232)

Have a look what the booklet for
RGB(205, 101, 232) contains.

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Color

RGB(205, 101, 232)

Conversions

Conversions Part 1

Format	Color
Hex	CD65E8
RGB	205, 101, 232
RGB Percent	80%, 40%, 91%
CMY	0.1961, 0.6039, 0.0902
CMYK	0.12, 0.56, 0.00, 0.09
HSL	288°, 74%, 65%
HSV	288°, 56%, 91%
XYZ	44.3960, 28.1127, 79.4303
YIQ	147.0300, 19.9330, 62.7890

Conversions

Conversions Part 2

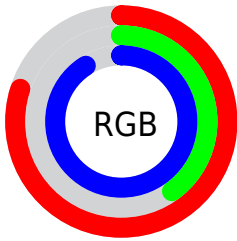
Format	Color
RYB	205, 101, 232
Decimal	13460968
CIELab	59.99, 60.40, -49.02
CIElCh	60, 77.792, 320.936
Yxy	28.1127, 0.2922, 0.1850
Android (android.graphics.Color)	4291651048 (0xFFCD65E8)
YUV	147.0300, 41.8902, 50.8397
Hunter-Lab	53.0214, 56.6746, -51.7062

Details

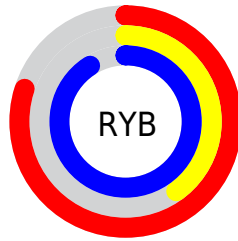
The RGB color **205, 101, 232** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **128, 232, 101**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 156, 255**, and **148, 45, 176** is the 20% darker color. If you saturate the color by 10%, you get **200, 78, 232**, and if you desaturate by 10%, it is **210, 124, 232**.

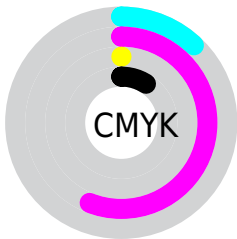
Distribution



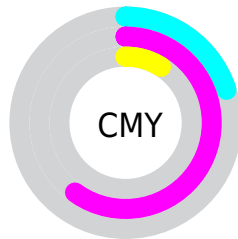
- Red (80%)
- Green (40%)
- Blue (91%)



- Red (80%)
- Yellow (40%)
- Blue (91%)



- Cyan (12%)
- Magenta (56%)
- Yellow (0%)
- Black (9%)




- Cyan (20%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 101, 232 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 205, 101, 232 by changing the saturation by 10% instead.


 205, 101, 232

 205, 101, 232

255, 255, 255

 176, 74, 204

 255, 156, 255

 148, 45, 176

 255, 184, 255

 120, 5, 149

 255, 213, 255

 92, 0, 122

 255, 242, 255

 65, 0, 97

 42, 0, 72


 0, 0, 49


 0, 1, 27

 0, 0, 0

 205, 101, 232


 205, 101, 232

 200, 78, 232

 210, 124, 232

 195, 55, 232

 215, 147, 232

 191, 31, 232

 219, 171, 232

 186, 8, 232

 224, 194, 232

 184, 0, 232

 229, 217, 232

 234, 240, 232

 238, 255, 232

 243, 255, 232

 248, 255, 232

Harmonies

Analogous

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



89, 136, 255



205, 101, 232



255, 67, 168

Triad

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



205, 101, 232



191, 134, 0



0, 175, 192

Complementary

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



205, 101, 232



128, 232, 101

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, 174, 121



205, 101, 232



129, 155, 0

Square

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



205, 101, 232



239, 103, 34



1, 168, 48



0, 171, 251

Rectangle

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



205, 101, 232



255, 64, 123



1, 168, 48



0, 175, 169

Sweetspot

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



205, 101, 232



246, 212, 255



101, 129, 232



122, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 101, 232



219, 82, 255



232, 101, 195



112, 103, 115



142, 0, 179



40, 0, 51

Inverse Universe

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



232, 101, 128



255, 82, 117



101, 232, 138



115, 103, 106



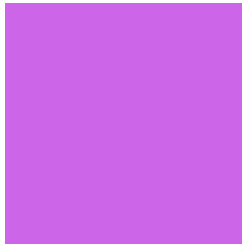
179, 0, 37



51, 0, 11

Previews

White Background



This preview shows how the RGB color 205, 101, 232 looks on a white background.

Color Contrast Check

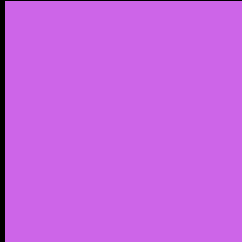
Large Text (above 18pt) WCAG AA ✓ Pass

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 205, 101, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

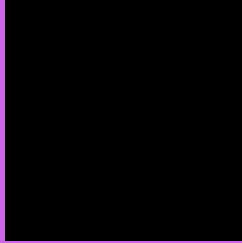
Any Text WCAG AA ✓ Pass

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 205, 101, 232 Background



This preview shows how black text looks on a background with the RGB color 205, 101, 232.

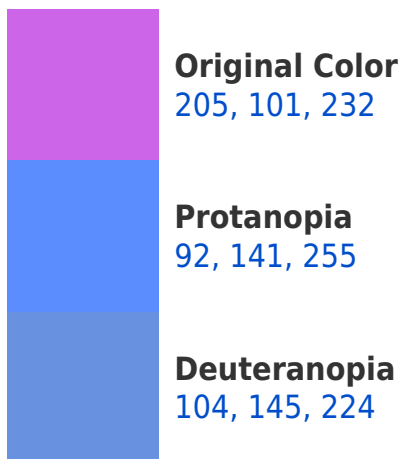


This preview shows how white text looks on a background with the RGB color 205, 101, 232.

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
192, 126, 136

Trichromacy



Original Color

205, 101, 232



Protanomaly

133, 126, 247



Deuteranomaly

141, 129, 227



Tritanomaly

197, 117, 171

Monochromacy



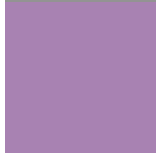
Original Color

205, 101, 232



Achromatopsia

147, 147, 147



Achromatomaly

168, 130, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 101, 232 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(205, 101, 232)` looks like.

```
.text, #text, p{  
    color:rgb(205, 101, 232)  
}
```

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(205, 101, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 101, 232) }
```

Border

The CSS property to change the border of an element to RGB 205, 101, 232 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(205, 101, 232) }
```

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

```
.border{ border-color:rgb(205, 101, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 101, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 101, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 101, 232);  
box-shadow:4px 4px 4px 4px rgb(205, 101,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 205, 101, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 101, 232) }
```

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

```
.background{ background-color: rgb(205,  
101, 232) }
```

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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