

Converting Colors

RGB(205, 141, 227)

Have a look what the booklet for
RGB(205, 141, 227) contains.

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Color

RGB(205, 141, 227)

Conversions

Conversions Part 1

Format	Color
Hex	CD8DE3
RGB	205, 141, 227
RGB Percent	80%, 55%, 89%
CMY	0.1961, 0.4471, 0.1098
CMYK	0.10, 0.38, 0.00, 0.11
HSL	285°, 61%, 72%
HSV	285°, 38%, 89%
XYZ	48.5668, 37.5749, 77.3660
YIQ	169.9400, 10.5380, 40.3140

Conversions

Conversions Part 2

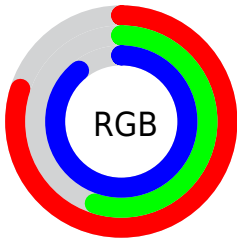
Format	Color
R_{YB}	205, 141, 227
Decimal	13471203
CIE _{Lab}	67.71, 38.93, -34.15
CIE _{LCh}	68, 51.785, 318.746
Yxy	37.5749, 0.2970, 0.2298
Android (android.graphics.Color)	4291661283 (0xFFCD8DE3)
YUV	169.9400, 28.1306, 30.7476
Hunter-Lab	61.2984, 34.1537, -31.9223

Details

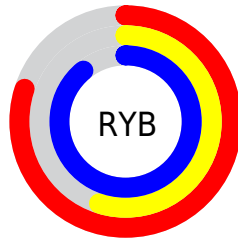
The RGB color **205, 141, 227** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **163, 227, 141**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 196, 255**, and **149, 89, 171** is the 20% darker color. If you saturate the color by 10%, you get **199, 118, 227**, and if you desaturate by 10%, it is **211, 164, 227**.

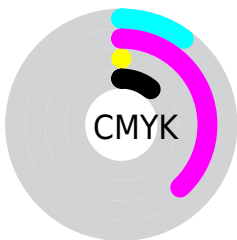
Distribution



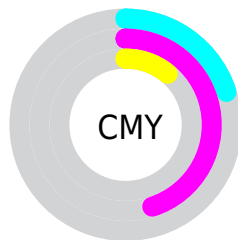
- Red (80%)
- Green (55%)
- Blue (89%)



- Red (80%)
- Yellow (55%)
- Blue (89%)



- Cyan (10%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (45%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 205, 141, 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 205, 141, 227 by changing the saturation by 10% instead.

 205, 141, 227

 205, 141, 227

255, 255, 255

 177, 115, 199

 255, 196, 255


 149, 89, 171

 255, 224, 255

 123, 64, 145

 255, 253, 255

 96, 40, 119

 71, 14, 93

 46, 0, 69

 25, 0, 47


 0, 1, 25


 0, 0, 0

 205, 141, 227


 205, 141, 227

 199, 118, 227

 211, 164, 227

 193, 96, 227


 217, 186, 227

 188, 73, 227

 222, 209, 227

 182, 50, 227

 228, 232, 227

 176, 27, 227

 234, 254, 227

 170, 5, 227

 240, 255, 227

 169, 0, 227

 246, 255, 227

 251, 255, 227

 255, 255, 227

Harmonies

Analogous

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



139, 160, 253



205, 141, 227



242, 127, 185

Triad

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



205, 141, 227



207, 156, 71



0, 188, 193

Complementary

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



205, 141, 227



163, 227, 141

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, 187, 145



205, 141, 227



163, 171, 72

Square

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



205, 141, 227



239, 139, 96



109, 182, 101



0, 185, 234

Rectangle

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



205, 141, 227



252, 125, 153



109, 182, 101



0, 189, 178

Sweetspot

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



205, 141, 227



248, 227, 255



141, 164, 227



123, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 141, 227



226, 140, 255



227, 141, 207



112, 103, 115



133, 0, 179



38, 0, 51

Inverse Universe

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



227, 141, 163



255, 140, 170



141, 227, 161



115, 103, 106



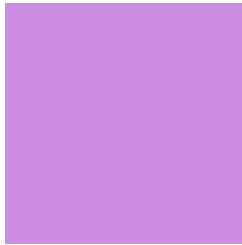
179, 0, 46



51, 0, 13

Previews

White Background



This preview shows how the RGB color 205, 141, 227 looks on a white background.

Color Contrast Check

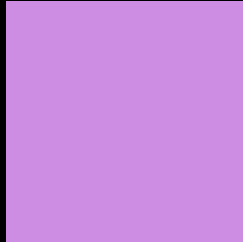
Large Text (above 18pt) WCAG AA × Fail

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 205, 141, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

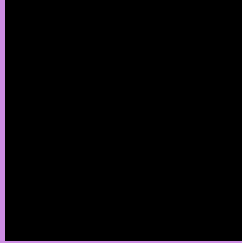
Any Text WCAG AA ✓ Pass

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 205, 141, 227 Background



This preview shows how black text looks on a background with the RGB color 205, 141, 227.

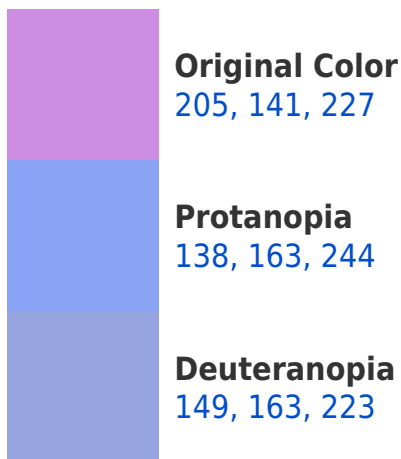


This preview shows how white text looks on a background with the RGB color 205, 141, 227.

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





Tritanopia
196, 154, 166

Trichromacy



Original Color

205, 141, 227



Protanomaly

162, 155, 238



Deuteranomaly

169, 155, 224



Tritanomaly

199, 149, 188

Monochromacy



Original Color

205, 141, 227



Achromatopsia

170, 170, 170



Achromatomaly

183, 159, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 141, 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(205, 141, 227) looks like.

```
.text, #text, p{  
    color:rgb(205, 141, 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(205, 141, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 141, 227) }
```

Border

The CSS property to change the border of an element to RGB 205, 141, 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(205, 141, 227) }
```

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

```
.border{ border-color:rgb(205, 141, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 141, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 141, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 141, 227);  
box-shadow:4px 4px 4px 4px rgb(205, 141,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 205, 141, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 141, 227) }
```

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

```
.background{ background-color: rgb(205,  
141, 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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