

Converting Colors

RGB(196, 125, 227)

Have a look what the booklet for
RGB(196, 125, 227) contains.

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Color

RGB(196, 125, 227)

Conversions

Conversions Part 1

Format	Color
Hex	C47DE3
RGB	196, 125, 227
RGB Percent	77%, 49%, 89%
CMY	0.2314, 0.5098, 0.1098
CMYK	0.14, 0.45, 0.00, 0.11
HSL	282°, 65%, 69%
HSV	282°, 45%, 89%
XYZ	43.9637, 31.9490, 76.5227
YIQ	157.8570, 9.5740, 46.7740

Conversions

Conversions Part 2

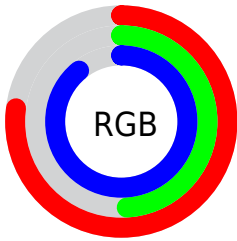
Format	Color
RYB	196, 125, 227
Decimal	12877283
CIELab	63.30, 44.87, -41.09
CIELCh	63, 60.842, 317.517
Yxy	31.9490, 0.2884, 0.2096
Android (android.graphics.Color)	4291067363 (0xFFC47DE3)
YUV	157.8570, 34.0875, 33.4514
Hunter-Lab	56.5235, 39.9203, -40.7016

Details

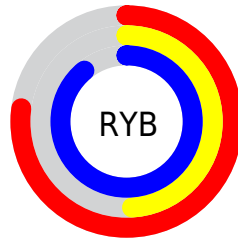
The RGB color **196, 125, 227** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **156, 227, 125**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **254, 179, 255**, and **140, 73, 171** is the 20% darker color. If you saturate the color by 10%, you get **189, 102, 227**, and if you desaturate by 10%, it is **203, 148, 227**.

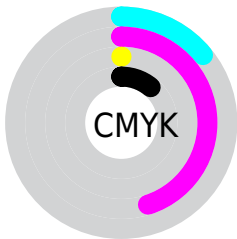
Distribution



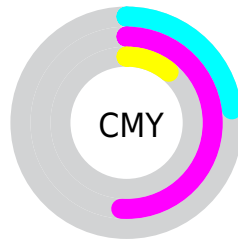
- Red (77%)
- Green (49%)
- Blue (89%)



- Red (77%)
- Yellow (49%)
- Blue (89%)



- Cyan (14%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 125, 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 196, 125, 227 by changing the saturation by 10% instead.


 196, 125, 227

255, 255, 255

 254, 179, 255

 255, 207, 255

 255, 236, 255

 196, 125, 227

 168, 99, 199

 140, 73, 171


 113, 48, 144

 87, 21, 118

 61, 0, 93

 37, 0, 69

 0, 0, 46


 0, 1, 24

 0, 0, 0


 196, 125, 227


 196, 125, 227


 189, 102, 227


 203, 148, 227

 182, 80, 227


 210, 170, 227

 175, 57, 227

 217, 193, 227

 168, 34, 227

 224, 216, 227


 162, 11, 227

 230, 239, 227

 158, 0, 227

 237, 255, 227

 244, 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.



111, 148, 255



196, 125, 227



240, 105, 178

Triad

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



196, 125, 227



200, 142, 39



0, 179, 184

Complementary

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



196, 125, 227



156, 227, 125

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, 178, 128



196, 125, 227



151, 160, 38

Square

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



196, 125, 227



236, 121, 75



87, 172, 76



0, 176, 232

Rectangle

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



196, 125, 227



251, 102, 142



87, 172, 76



0, 179, 166

Sweetspot

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



196, 125, 227



245, 222, 255



125, 157, 227



121, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 125, 227



213, 117, 255



227, 125, 208



111, 103, 115



124, 0, 179



36, 0, 51

Inverse Universe

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



227, 125, 156



255, 117, 159



125, 227, 144



115, 103, 107



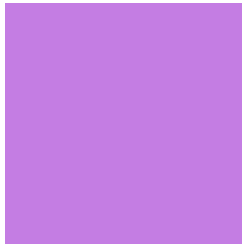
179, 0, 54



51, 0, 16

Previews

White Background



This preview shows how the RGB color 196, 125, 227 looks on a white background.

Color Contrast Check

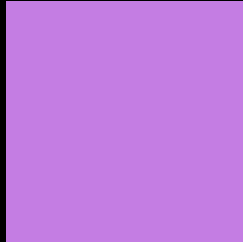
Large Text (above 18pt) WCAG AA × Fail

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 196, 125, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

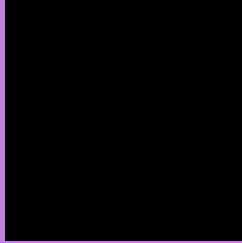
Any Text WCAG AA ✓ Pass

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 196, 125, 227 Background



This preview shows how black text looks on a background with the RGB color 196, 125, 227.

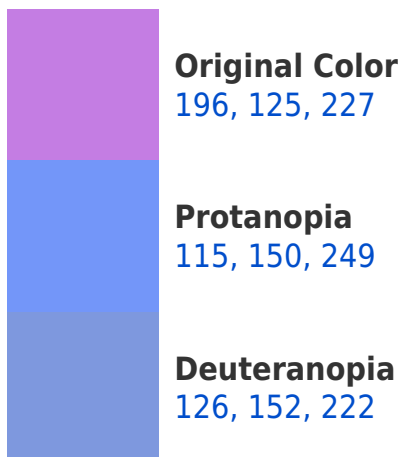


This preview shows how white text looks on a background with the RGB color 196, 125, 227.

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
185, 142, 153

Trichromacy



Original Color

196, 125, 227



Protanomaly

144, 141, 241



Deuteranomaly

151, 142, 224



Tritanomaly

189, 136, 180

Monochromacy



Original Color

196, 125, 227



Achromatopsia

158, 158, 158



Achromatomaly

172, 146, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 125, 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(196, 125, 227)` looks like.

```
.text, #text, p{  
  color:rgb(196, 125, 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(196, 125, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 125, 227) }
```

Border

The CSS property to change the border of an element to RGB 196, 125, 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(196, 125, 227) }
```

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

```
.border{ border-color:rgb(196, 125, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 125, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 125, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 125, 227);  
box-shadow:4px 4px 4px 4px rgb(196, 125,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 196, 125, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 125, 227) }
```

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

```
.background{ background-color: rgb(196,  
125, 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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