

Converting Colors

RGB(170, 125, 204)

Have a look what the booklet for
RGB(170, 125, 204) contains.

RGB(170, 125, 204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(170, 125, 204)

Conversions

Conversions Part 1

Format	Color
Hex	AA7DCC
RGB	170, 125, 204
RGB Percent	67%, 49%, 80%
CMY	0.3333, 0.5098, 0.2000
CMYK	0.17, 0.39, 0.00, 0.20
HSL	274°, 44%, 65%
HSV	274°, 39%, 80%
XYZ	34.8103, 27.5729, 60.6141
YIQ	147.4610, 1.4610, 34.1090

Conversions

Conversions Part 2

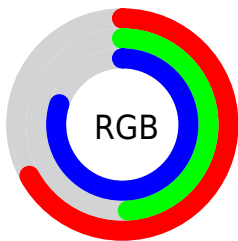
Format	Color
RYB	170, 125, 204
Decimal	11173324
CIELab	59.50, 32.30, -34.35
CIELCh	60, 47.151, 313.235
Yxy	27.5729, 0.2830, 0.2242
Android (android.graphics.Color)	4289363404 (0xFFAA7DCC)
YUV	147.4610, 27.8737, 19.7667
Hunter-Lab	52.5099, 26.4402, -31.6837

Details

The RGB color **170, 125, 204** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **159, 204, 125**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **226, 178, 255**, and **116, 75, 149** is the 20% darker color. If you saturate the color by 10%, you get **161, 105, 204**, and if you desaturate by 10%, it is **179, 145, 204**.

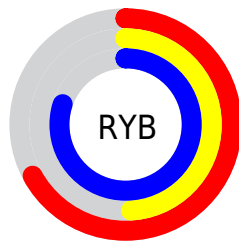
Distribution



Red (67%)

Green (49%)

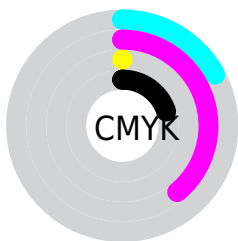
Blue (80%)



Red (67%)

Yellow (49%)

Blue (80%)

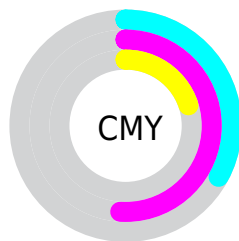


Cyan (17%)

Magenta (39%)

Yellow (0%)

Black (20%)



Cyan (33%)

Magenta (51%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 125, 204 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 170, 125, 204 by changing the saturation by 10% instead.


 170, 125, 204

255, 255, 255

 226, 178, 255

 255, 206, 255

 255, 234, 255

 170, 125, 204

 143, 100, 176

 116, 75, 149

 91, 51, 123

 65, 28, 98


 41, 5, 74


 23, 0, 51

 0, 2, 29

 0, 0, 0


 170, 125, 204


 170, 125, 204

 161, 105, 204

 179, 145, 204

 152, 84, 204


 188, 166, 204

 144, 64, 204

 196, 186, 204

 135, 43, 204


 205, 207, 204

 126, 23, 204

 214, 227, 204

 117, 3, 204

 223, 247, 204

 116, 0, 204

 231, 255, 204

 240, 255, 204

 249, 255, 204

Harmonies

Analogous

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



105, 141, 224



170, 125, 204



208, 111, 168

Triad

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



170, 125, 204



187, 133, 62



0, 164, 161

Complementary

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



170, 125, 204



159, 204, 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.



27, 163, 118



170, 125, 204



150, 147, 59

Square

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



170, 125, 204



212, 117, 88



104, 157, 80



0, 162, 199

Rectangle

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



170, 125, 204



219, 107, 140



104, 157, 80



0, 164, 147

Sweetspot

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



170, 125, 204



242, 224, 255



125, 159, 204



120, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



170, 125, 204



205, 138, 255



204, 125, 199



98, 92, 102



94, 0, 166



22, 0, 38

Inverse Universe

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



204, 125, 159



255, 138, 188



125, 204, 130



102, 92, 96



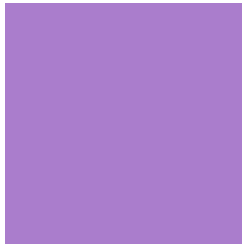
166, 0, 71



38, 0, 16

Previews

White Background



This preview shows how the RGB color 170, 125, 204 looks on a white background.

Color Contrast Check

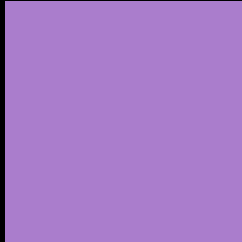
Large Text (above 18pt) WCAG AA ✓ Pass

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 170, 125, 204 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 170, 125, 204 Background



This preview shows how black text looks on a background with the RGB color 170, 125, 204.




This preview shows how white text looks on a background with the RGB color 170, 125, 204.

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

161, 137, 148

Trichromacy



Original Color
170, 125, 204

Protanomaly
136, 135, 212

Deuteranomaly
141, 136, 202

Tritanomaly
164, 133, 168

Monochromacy



Original Color
170, 125, 204

Achromatopsia
147, 147, 147

Achromatomaly
155, 139, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 125, 204 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(170, 125, 204)` looks like.

```
.text, #text, p{  
    color:rgb(170, 125, 204)  
}
```

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(170, 125, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 125, 204) }
```

Border

The CSS property to change the border of an element to RGB 170, 125, 204 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(170, 125, 204) }
```

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

```
.border{ border-color:rgb(170, 125, 204) }
```

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

Here you see how a box with a 4 pixel rgb(170, 125, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 125, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 125, 204);  
box-shadow:4px 4px 4px 4px rgb(170, 125,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 170, 125, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 125, 204) }
```

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

```
.background{ background-color: rgb(170,  
125, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor