Converting Colors

RGB(164, 127, 210)

Have a look what the booklet for RGB(164, 127, 210) contains.

Color

RGB(164, 127, 210)

Conversions

Conversions Part 1

Format	Color
Hex	A47FD2
RGB	164, 127, 210
RGB Percent	64%, 50%, 82%
CMY	0.3569, 0.5020, 0.1765
CMYK	0.22, 0.40, 0.00, 0.18
HSL	267°, 48%, 66%
HSV	267°, 40%, 82%
XYZ	34.5321, 27.7244, 64.5041
YIQ	147.5250, -4.5910, 33.6570

Conversions

Conversions Part 2

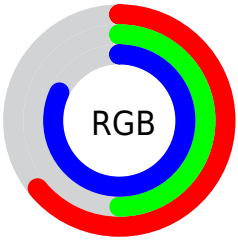
Format	Color
RYB	164, 127, 210
Decimal	10780626
CIELab	59.64, 30.75, -37.56
CIELCh	60, 48.541, 309.304
Yxy	27.7244, 0.2724, 0.2187
Android (android.graphics.Color)	4288970706 (0xFFA47FD2)
YUV	147.5250, 30.8002, 14.4486
Hunter-Lab	52.6540, 24.9213, -35.7758

Details

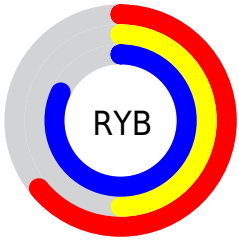
The RGB color 164, 127, 210 is a light color, and the websafe version is hex 9966CC. A complement of this color would be 173, 210, 127, and the grayscale version is 147, 147, 147.

A 20% lighter version of the original color is 220, 180, 255, and 110, 77, 155 is the 20% darker color. If you saturate the color by 10%, you get 152, 106, 210, and if you desaturate by 10%, it is 176, 148, 210.

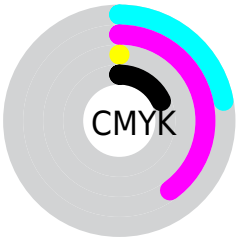
Distribution



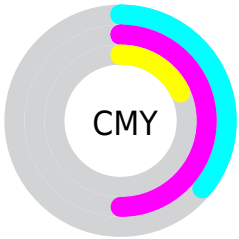
- Red (64%)
- Green (50%)
- Blue (82%)



- Red (64%)
- Yellow (50%)
- Blue (82%)



- Cyan (22%)
- Magenta (40%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 127, 210 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 164, 127, 210 by changing the saturation by 10% instead.

164, 127, 210	164, 127, 210
255, 255, 255	137, 102, 182
220, 180, 255	110, 77, 155
249, 208, 255	85, 54, 129
255, 236, 255	59, 31, 103
	34, 8, 79
	15, 0, 56
	0, 2, 33
	0, 0, 6
	0, 0, 0

164, 127, 210	164, 127, 210
152, 106, 210	176, 148, 210
141, 85, 210	187, 169, 210
129, 64, 210	199, 190, 210
117, 43, 210	211, 211, 210
106, 22, 210	222, 232, 210
94, 1, 210	234, 253, 210
94, 0, 210	245, 255, 210
	255, 255, 210

Harmonies

Analogous

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

92, 144, 228

164, 127, 210

206, 112, 175

Triad

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

164, 127, 210

192, 131, 62

0, 165, 156

Complementary

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

164, 127, 210

173, 210, 127

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.

38, 163, 112

164, 127, 210

155, 146, 55

Square

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

164, 127, 210

217, 115, 92

109, 157, 75

0, 163, 197

Rectangle

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

164, 127, 210

220, 107, 146

109, 157, 75

0, 165, 141

Sweetspot

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

164, 127, 210

238, 224, 255

127, 174, 210

118, 110, 128

0, 0, 0

128, 128, 128

Same Dimension

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

164, 127, 210

189, 135, 255

204, 127, 210

99, 94, 105

75, 0, 168

18, 0, 41

Inverse Universe

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

210, 127, 173

255, 135, 202

133, 210, 127

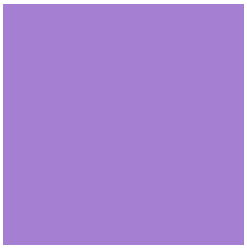
105, 94, 100

168, 0, 93

41, 0, 23

Previews

White Background

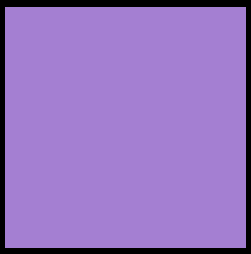


This preview shows how the RGB color 164, 127, 210 looks on a white background.

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



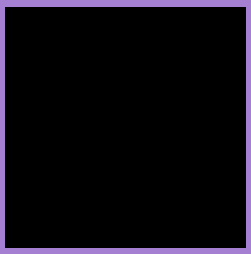
This preview shows how the RGB color 164, 127, 210 looks on a black background.

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 164, 127, 210 Background



This preview shows how black text looks on a background with the RGB color 164, 127, 210.

This preview shows how white text looks on a background with the RGB color 164, 127, 210.

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

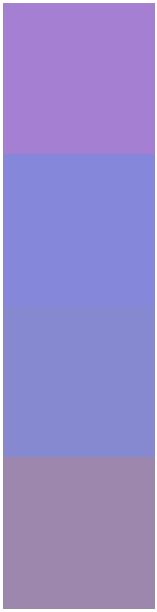
Original Color
164, 127, 210

Protanopia
115, 141, 222

Deuteranopia
119, 143, 207

Tritanopia
154, 140, 151

Trichromacy



Original Color
164, 127, 210

Protanomaly
133, 136, 218

Deuteranomaly
135, 137, 208

Tritanomaly
158, 135, 172

Monochromacy

Original Color
164, 127, 210

Achromatopsia
148, 148, 148

Achromatomaly
154, 140, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 127, 210 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(164, 127, 210) looks like.

```
.text, #text, p{
    color:rgb(164, 127, 210)
}
```

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(164, 127, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 127, 210) }
```

Border

The CSS property to change the border of an element to RGB 164, 127, 210 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(164, 127, 210) }
```

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

```
.border{ border-color:rgb(164, 127, 210) }
```

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

Here you see how a box with a 4 pixel rgb(164, 127, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 127, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 127, 210); box-shadow:4px 4px 4px 4px rgb(164, 127, 210) }
```

Background

The CSS property to change the background color of an element to RGB 164, 127, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(164, 127, 210) }
```

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

```
.background{ background-color:rgb(164,
127, 210) }
```

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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