Converting Colors

RGB(162, 142, 196)

Have a look what the booklet for RGB(162, 142, 196) contains.

Color

RGB(162, 142, 196)

Conversions

Conversions Part 1

Format	Color
Hex	A28EC4
RGB	162, 142, 196
RGB Percent	64%, 56%, 77%
CMY	0.3647, 0.4431, 0.2314
CMYK	0.17, 0.28, 0.00, 0.23
HSL	262°, 31%, 66%
HSV	262°, 28%, 77%
XYZ	34.5371, 31.0129, 56.3903
YIQ	154.1360, -5.4140, 21.0340

Conversions

Conversions Part 2

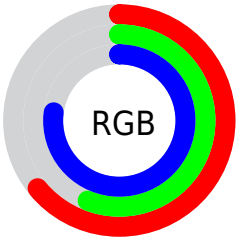
Format	Color
RYB	162, 142, 196
Decimal	10653380
CIELab	62.52, 18.35, -25.24
CIELCh	63, 31.204, 306.028
Yxy	31.0129, 0.2832, 0.2543
Android (android.graphics.Color)	4288843460 (0xFFA28EC4)
YUV	154.1360, 20.6390, 6.8967
Hunter-Lab	55.6892, 13.2452, -21.0540

Details

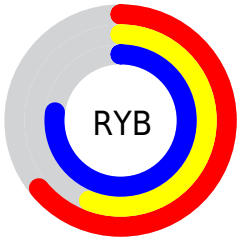
The RGB color 162, 142, 196 is a light color, and the websafe version is hex 9999CC. A complement of this color would be 176, 196, 142, and the grayscale version is 154, 154, 154.

A 20% lighter version of the original color is 217, 196, 253, and 110, 92, 142 is the 20% darker color. If you saturate the color by 10%, you get 150, 122, 196, and if you desaturate by 10%, it is 174, 162, 196.

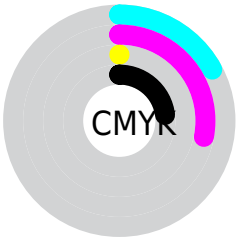
Distribution



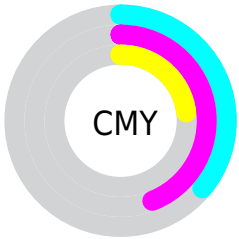
- Red (64%)
- Green (56%)
- Blue (77%)



- Red (64%)
- Yellow (56%)
- Blue (77%)



- Cyan (17%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 142, 196 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 162, 142, 196 by changing the saturation by 10% instead.

162, 142, 196	162, 142, 196
255, 255, 255	135, 116, 169
217, 196, 253	110, 92, 142
246, 224, 255	85, 68, 116
255, 252, 255	61, 46, 92
	37, 25, 68
	18, 0, 45
	0, 1, 24
	0, 0, 0

162, 142, 196	162, 142, 196

150, 122, 196	174, 162, 196
137, 103, 196	187, 181, 196
125, 83, 196	199, 201, 196
113, 64, 196	211, 220, 196
100, 44, 196	224, 240, 196
88, 24, 196	236, 255, 196
76, 5, 196	248, 255, 196
73, 0, 196	255, 255, 196

Harmonies

Analogous

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

122, 152, 206

162, 142, 196

191, 133, 174

Triad

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

162, 142, 196

189, 142, 101

68, 166, 156

Complementary

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

162, 142, 196

176, 196, 142

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.

101, 164, 128

162, 142, 196

165, 151, 96

Square

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

162, 142, 196

203, 133, 120

135, 159, 106

52, 165, 183

Rectangle

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

162, 142, 196

202, 130, 156

135, 159, 106

79, 166, 146

Sweetspot

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

162, 142, 196

242, 235, 255

142, 176, 196

119, 115, 128

0, 0, 0

128, 128, 128

Same Dimension

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

162, 142, 196

202, 171, 255

189, 142, 196

91, 87, 97

59, 0, 161

12, 0, 33

Inverse Universe

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

196, 142, 176

255, 171, 224

149, 196, 142

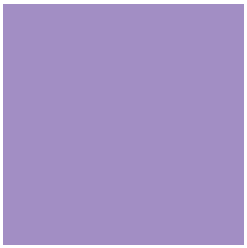
97, 87, 93

161, 0, 101

33, 0, 21

Previews

White Background

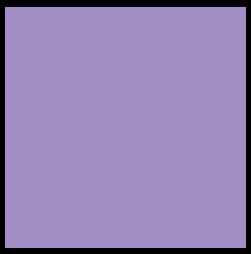


This preview shows how the RGB color 162, 142, 196 looks on a white background.

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



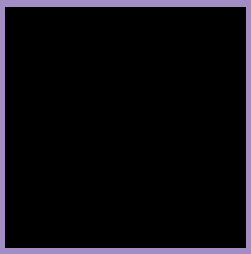
This preview shows how the RGB color 162, 142, 196 looks on a black background.

Color Contrast Check

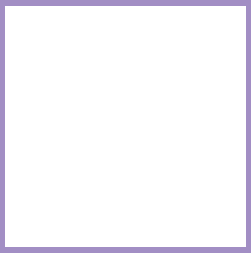
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 162, 142, 196 Background



This preview shows how black text looks on a background with the RGB color 162, 142, 196.

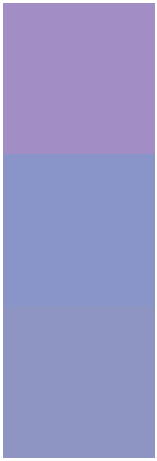


This preview shows how white text looks on a background with the RGB color 162, 142, 196.

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



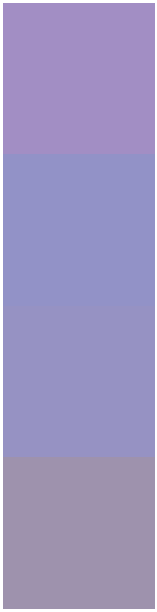
Original Color
162, 142, 196

Protanopia
137, 149, 201

Deuteranopia
143, 149, 195

Tritanopia
156, 149, 160

Trichromacy



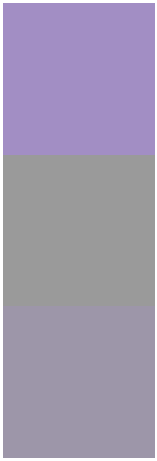
Original Color
162, 142, 196

Protanomaly
146, 146, 199

Deuteranomaly
150, 146, 195

Tritanomaly
158, 146, 173

Monochromacy



Original Color
162, 142, 196

Achromatopsia
154, 154, 154

Achromatomaly
157, 150, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 142, 196 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(162, 142, 196) looks like.

```
.text, #text, p{
    color:rgb(162, 142, 196)
}
```

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(162, 142, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 142, 196) }
```

Border

The CSS property to change the border of an element to RGB 162, 142, 196 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(162, 142, 196) }
```

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

```
.border{ border-color:rgb(162, 142, 196) }
```

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

Here you see how a box with a 4 pixel rgb(162, 142, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 142, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 142, 196); box-shadow:4px 4px 4px 4px rgb(162, 142, 196) }
```

Background

The CSS property to change the background color of an element to RGB 162, 142, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(162, 142, 196) }
```

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

```
.background{ background-color:rgb(162,
142, 196) }
```

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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