

Converting Colors

RGB(155, 120, 196)

Have a look what the booklet for
RGB(155, 120, 196) contains.

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Color

RGB(155, 120, 196)

Conversions

Conversions Part 1

Format	Color
Hex	9B78C4
RGB	155, 120, 196
RGB Percent	61%, 47%, 77%
CMY	0.3922, 0.5294, 0.2314
CMYK	0.21, 0.39, 0.00, 0.23
HSL	268°, 39%, 62%
HSV	268°, 39%, 77%
XYZ	30.1978, 24.3870, 55.3401
YIQ	139.1290, -3.5360, 31.0560

Conversions

Conversions Part 2

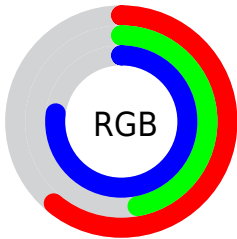
Format	Color
RYB	155, 120, 196
Decimal	10188996
CIELab	56.47, 28.79, -34.65
CIElCh	56, 45.057, 309.723
Yxy	24.3870, 0.2747, 0.2219
Android (android.graphics.Color)	4288379076 (0xFF9B78C4)
YUV	139.1290, 28.0374, 13.9189
Hunter-Lab	49.3832, 22.7321, -31.8737

Details

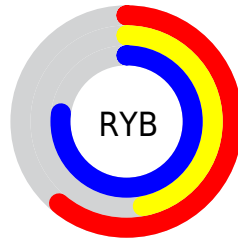
The RGB color **155, 120, 196** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **161, 196, 120**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **211, 173, 253**, and **102, 71, 142** is the 20% darker color. If you saturate the color by 10%, you get **144, 100, 196**, and if you desaturate by 10%, it is **166, 140, 196**.

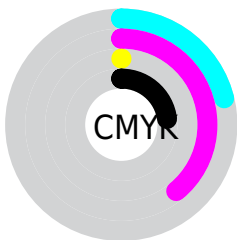
Distribution



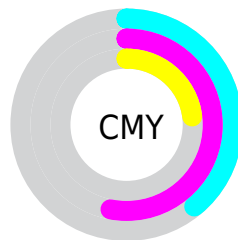
- Red (61%)
- Green (47%)
- Blue (77%)



- Red (61%)
- Yellow (47%)
- Blue (77%)



- Cyan (21%)
- Magenta (39%)
- Yellow (0%)
- Black (23%)



- Cyan (39%)
- Magenta (53%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the RGB color 155, 120, 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 155, 120, 196 by changing the saturation by 10% instead.

 155, 120, 196

255, 255, 255

 211, 173, 253

 239, 200, 255

 255, 228, 255

 155, 120, 196

 128, 95, 169

 102, 71, 142

 77, 48, 116

 52, 25, 91

 27, 3, 67


 0, 0, 44

 0, 1, 23

 0, 0, 0


 155, 120, 196


 155, 120, 196

 144, 100, 196


 166, 140, 196

 134, 81, 196


 176, 159, 196

 123, 61, 196


 187, 179, 196

 113, 42, 196


 197, 198, 196

 102, 22, 196

 208, 218, 196

 92, 2, 196

 218, 238, 196

 90, 0, 196

 229, 255, 196

 240, 255, 196

 250, 255, 196

Harmonies

Analogous

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



90, 135, 213



155, 120, 196



193, 106, 163

Triad

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



155, 120, 196



180, 124, 61



0, 155, 147

Complementary

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



155, 120, 196



161, 196, 120

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.



41, 153, 107



155, 120, 196



146, 137, 54

Square

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



155, 120, 196



203, 110, 87



104, 147, 73



0, 153, 184

Rectangle

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



155, 120, 196



206, 102, 137



104, 147, 73



0, 155, 134

Sweetspot

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



155, 120, 196



238, 224, 255



120, 162, 196



118, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 120, 196



190, 135, 255



192, 120, 196



92, 87, 97



74, 0, 161



15, 0, 33

Inverse Universe

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



196, 120, 161



255, 135, 200



124, 196, 120



97, 87, 92



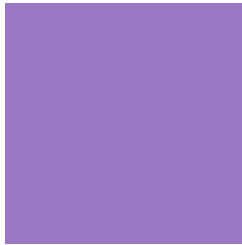
161, 0, 87



33, 0, 18

Previews

White Background



This preview shows how the RGB color 155, 120, 196 looks on a white background.

Color Contrast Check

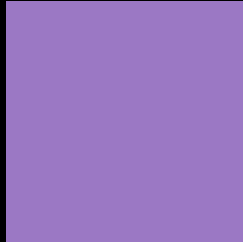
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 120, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

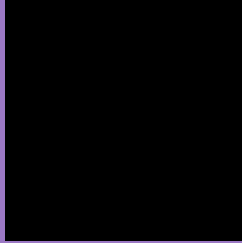
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 155, 120, 196 Background



This preview shows how black text looks on a background with the RGB color 155, 120, 196.

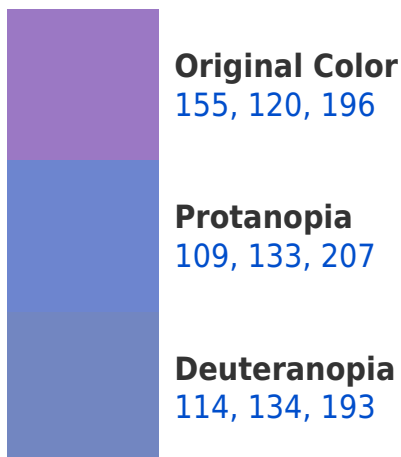



This preview shows how white text looks on a background with the RGB color 155, 120, 196.

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





Tritanopia
146, 131, 142

Trichromacy



Original Color

155, 120, 196

Protanomaly

126, 128, 203

Deuteranomaly

129, 129, 194

Tritanomaly

149, 127, 162

Monochromacy



Original Color

155, 120, 196

Achromatopsia

139, 139, 139

Achromatomaly

145, 132, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 120, 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(155, 120, 196)` looks like.

```
.text, #text, p{  
    color:rgb(155, 120, 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(155, 120, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 120, 196) }
```

Border

The CSS property to change the border of an element to RGB 155, 120, 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(155, 120, 196) }
```

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

```
.border{ border-color:rgb(155, 120, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 120, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 120, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 120, 196);  
box-shadow:4px 4px 4px 4px rgb(155, 120,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 155, 120, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 120, 196) }
```

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

```
.background{ background-color: rgb(155,  
120, 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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