

Converting Colors

RGB(140, 104, 161)

Have a look what the booklet for
RGB(140, 104, 161) contains.

RGB(140, 104, 161)	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(140, 104, 161)

Conversions

Conversions Part 1

Format	Color
Hex	8C68A1
RGB	140, 104, 161
RGB Percent	55%, 41%, 63%
CMY	0.4510, 0.5922, 0.3686
CMYK	0.13, 0.35, 0.00, 0.37
HSL	278°, 23%, 52%
HSV	278°, 35%, 63%
XYZ	22.1986, 18.0493, 36.0321
YIQ	121.2620, 3.1590, 25.3590

Conversions

Conversions Part 2

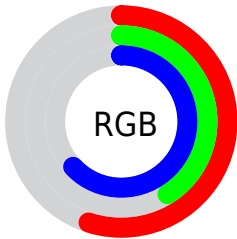
Format	Color
R_{YB}	140, 104, 161
Decimal	9201825
CIE _{Lab}	49.56, 25.35, -25.31
CIE _{LCh}	50, 35.820, 315.042
Yxy	18.0493, 0.2910, 0.2366
Android (android.graphics.Color)	4287391905 (0xFF8C68A1)
YUV	121.2620, 19.5908, 16.4332
Hunter-Lab	42.4845, 18.9203, -20.5462

Details

The RGB color **140, 104, 161** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **125, 161, 104**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **194, 156, 216**, and **89, 56, 109** is the 20% darker color. If you saturate the color by 10%, you get **134, 88, 161**, and if you desaturate by 10%, it is **146, 120, 161**.

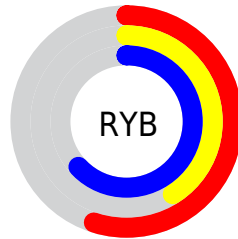
Distribution



Red (55%)

Green (41%)

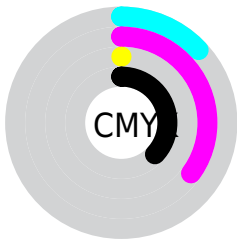
Blue (63%)



Red (55%)

Yellow (41%)

Blue (63%)

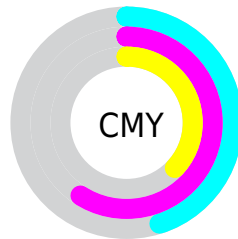


Cyan (13%)

Magenta (35%)

Yellow (0%)

Black (37%)



Cyan (45%)

Magenta (59%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RGB color 140, 104, 161 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 140, 104, 161 by changing the saturation by 10% instead.

 140, 104, 161


255, 255, 255

 194, 156, 216

 223, 183, 245

 251, 210, 255


 255, 239, 255


 140, 104, 161

 114, 80, 135

 89, 56, 109

 64, 34, 85

 41, 12, 61


 24, 0, 39


 0, 1, 17


 0, 0, 0


 140, 104, 161

 134, 88, 161


 140, 104, 161

 146, 120, 161

 128, 72, 161


 152, 136, 161


 122, 56, 161

 158, 152, 161

 116, 40, 161

 164, 168, 161

 110, 23, 161

 170, 184, 161

 104, 7, 161

 176, 201, 161

 102, 0, 161

 182, 217, 161

 187, 233, 161

 193, 249, 161

Harmonies

Analogous

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



96, 116, 176



140, 104, 161



167, 95, 134

Triad

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



140, 104, 161



149, 111, 59



0, 134, 133

Complementary

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



140, 104, 161



125, 161, 104

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, 132, 101



140, 104, 161



121, 121, 57

Square

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



140, 104, 161



169, 100, 76



87, 128, 73



0, 131, 160

Rectangle

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



140, 104, 161



175, 93, 114



87, 128, 73



0, 134, 122

Sweetspot

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



140, 104, 161



201, 186, 209



104, 126, 161



100, 91, 105



232, 232, 232



105, 105, 105

Same Dimension

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



140, 104, 161



177, 121, 209



161, 104, 154



79, 73, 82



92, 0, 145



11, 0, 18

Inverse Universe

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



161, 104, 125



209, 121, 154



104, 161, 111



82, 73, 76



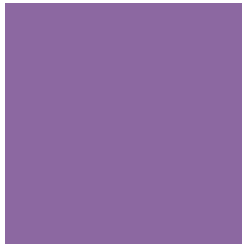
145, 0, 54



18, 0, 7

Previews

White Background



This preview shows how the RGB color 140, 104, 161 looks on a white background.

Color Contrast Check

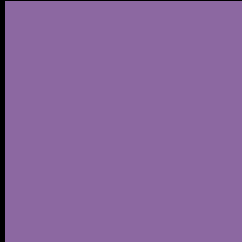
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 140, 104, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

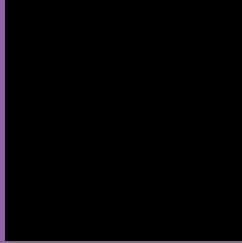
Any Text WCAG AA ✓ Pass

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 140, 104, 161 Background



This preview shows how black text looks on a background with the RGB color 140, 104, 161.

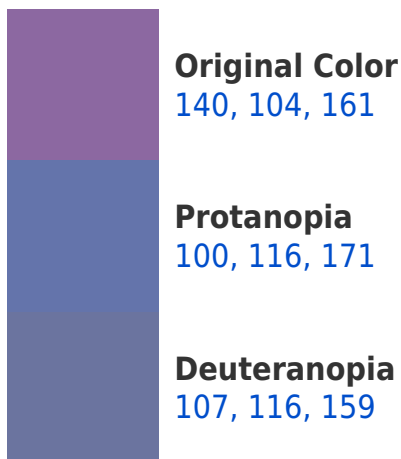



This preview shows how white text looks on a background with the RGB color 140, 104, 161.

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
134, 112, 121

Trichromacy



Original Color
140, 104, 161

Protanomaly
115, 112, 167

Deuteranomaly
119, 112, 160

Tritanomaly
136, 109, 136

Monochromacy



Original Color
140, 104, 161

Achromatopsia
121, 121, 121

Achromatomaly
128, 115, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 104, 161 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(140, 104, 161)` looks like.

```
.text, #text, p{  
    color:rgb(140, 104, 161)  
}
```

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(140, 104, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 104, 161) }
```

Border

The CSS property to change the border of an element to RGB 140, 104, 161 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(140, 104, 161) }
```

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

```
.border{ border-color:rgb(140, 104, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 104, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 104, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 104, 161);  
box-shadow:4px 4px 4px 4px rgb(140, 104,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 140, 104, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 104, 161) }
```

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

```
.background{ background-color: rgb(140,  
104, 161) }
```

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