

Converting Colors

RGB(137, 120, 193)

Have a look what the booklet for
RGB(137, 120, 193) contains.

RGB(137, 120, 193)	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(137, 120, 193)

Conversions

Conversions Part 1

Format	Color
Hex	8978C1
RGB	137, 120, 193
RGB Percent	54%, 47%, 76%
CMY	0.4627, 0.5294, 0.2431
CMYK	0.29, 0.38, 0.00, 0.24
HSL	254°, 37%, 61%
HSV	254°, 38%, 76%
XYZ	26.6586, 22.6016, 53.4096
YIQ	133.4050, -13.3010, 26.3070

Conversions

Conversions Part 2

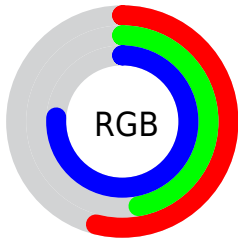
Format	Color
R_{YB}	137, 120, 193
Decimal	9009345
CIE _{Lab}	54.66, 22.73, -35.90
CIE _{LCh}	55, 42.492, 302.332
Yxy	22.6016, 0.2597, 0.2201
Android (android.graphics.Color)	4287199425 (0xFF8978C1)
YUV	133.4050, 29.3803, 3.1528
Hunter-Lab	47.5411, 16.8968, -33.3300

Details

The RGB color **137, 120, 193** is a light color, and the websafe version is hex **666699**. A complement of this color would be **176, 193, 120**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **192, 172, 250**, and **85, 71, 139** is the 20% darker color. If you saturate the color by 10%, you get **122, 101, 193**, and if you desaturate by 10%, it is **152, 139, 193**.

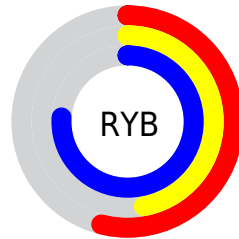
Distribution



Red (54%)

Green (47%)

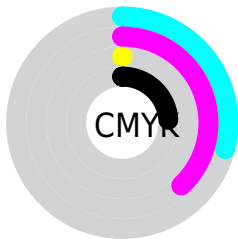
Blue (76%)



Red (54%)

Yellow (47%)

Blue (76%)

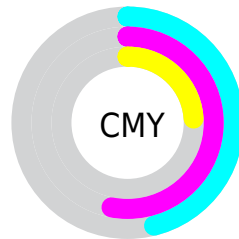


Cyan (29%)

Magenta (38%)

Yellow (0%)

Black (24%)



Cyan (46%)


Magenta (53%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RGB color 137, 120, 193 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 137, 120, 193 by changing the saturation by 10% instead.

 137, 120, 193


255, 255, 255

 192, 172, 250

 220, 200, 255

 249, 228, 255

 137, 120, 193

 111, 95, 166


 85, 71, 139

 59, 49, 113

 34, 27, 88

 5, 5, 65


 0, 3, 42

 0, 1, 20

 0, 0, 0

 137, 120, 193

 137, 120, 193


 122, 101, 193

 152, 139, 193

 107, 81, 193

 167, 159, 193

 93, 62, 193


 181, 178, 193

 78, 43, 193

 196, 197, 193

 63, 23, 193

 211, 217, 193

 48, 4, 193

 226, 236, 193

 45, 0, 193

 241, 255, 193

 255, 255, 193

Harmonies

Analogous

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



69, 134, 204



137, 120, 193



178, 106, 166

Triad

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



137, 120, 193



179, 116, 66



0, 149, 133

Complementary

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



137, 120, 193



176, 193, 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.



63, 147, 95



137, 120, 193



150, 130, 55

Square

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



137, 120, 193



197, 104, 93



112, 140, 66



0, 148, 169

Rectangle

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



137, 120, 193



194, 100, 142



112, 140, 66



0, 149, 120

Sweetspot

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



137, 120, 193



229, 222, 250



120, 177, 193



112, 109, 125



252, 252, 252



125, 125, 125

Same Dimension

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



137, 120, 193



164, 137, 250



172, 120, 193



89, 87, 97



37, 0, 161



8, 0, 33

Inverse Universe

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



193, 120, 176



250, 137, 224



141, 193, 120



97, 87, 95



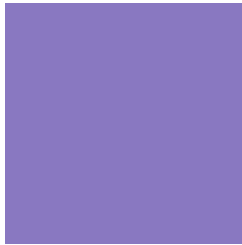
161, 0, 123



33, 0, 25

Previews

White Background



This preview shows how the RGB color 137, 120, 193 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 137, 120, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

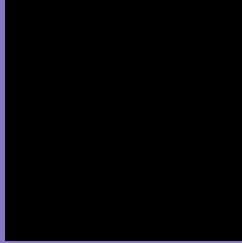
Any Text WCAG AA ✓ Pass

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 137, 120, 193 Background



This preview shows how black text looks on a background with the RGB color 137, 120, 193.

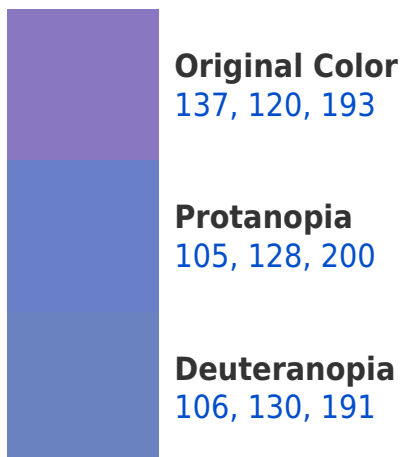


This preview shows how white text looks on a background with the RGB color 137, 120, 193.

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
127, 131, 141

Trichromacy



Original Color
137, 120, 193

Protanomaly
117, 125, 197

Deuteranomaly
117, 126, 192

Tritanomaly
131, 127, 160

Monochromacy



Original Color
137, 120, 193

Achromatopsia
133, 133, 133

Achromatomaly
134, 128, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 120, 193 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(137, 120, 193)` looks like.

```
.text, #text, p{  
    color:rgb(137, 120, 193)  
}
```

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(137, 120, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 120, 193) }
```

Border

The CSS property to change the border of an element to RGB 137, 120, 193 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(137, 120, 193) }
```

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

```
.border{ border-color:rgb(137, 120, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 120, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 120, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 120, 193);  
box-shadow:4px 4px 4px 4px rgb(137, 120,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 137, 120, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 120, 193) }
```

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

```
.background{ background-color: rgb(137,  
120, 193) }
```

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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