

Converting Colors

RGB(162, 88, 152)

Have a look what the booklet for
RGB(162, 88, 152) contains.

RGB(162, 88, 152)	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(162, 88, 152)

Conversions

Conversions Part 1

Format	Color
Hex	A25898
RGB	162, 88, 152
RGB Percent	64%, 35%, 60%
CMY	0.3647, 0.6549, 0.4039
CMYK	0.00, 0.46, 0.06, 0.36
HSL	308°, 30%, 49%
HSV	308°, 46%, 64%
XYZ	24.0575, 16.9278, 31.7052
YIQ	117.4220, 23.5600, 35.5920

Conversions

Conversions Part 2

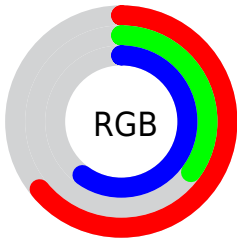
Format	Color
RYB	162, 88, 152
Decimal	10639512
CIELab	48.17, 39.69, -21.93
CIElCh	48, 45.345, 331.083
Yxy	16.9278, 0.3310, 0.2329
Android (android.graphics.Color)	4288829592 (0xFFA25898)
YUV	117.4220, 17.0470, 39.0949
Hunter-Lab	41.1434, 32.3720, -16.8885

Details

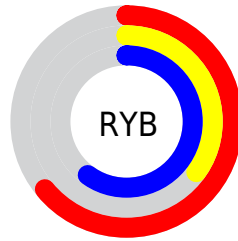
The RGB color **162, 88, 152** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **88, 162, 98**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **218, 140, 206**, and **108, 38, 101** is the 20% darker color. If you saturate the color by 10%, you get **162, 72, 150**, and if you desaturate by 10%, it is **162, 104, 154**.

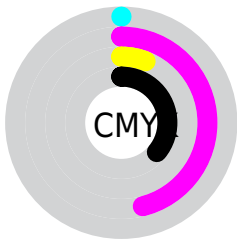
Distribution



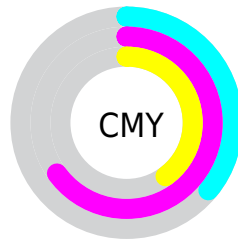
- Red (64%)
- Green (35%)
- Blue (60%)



- Red (64%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (46%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 88, 152 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, 88, 152 by changing the saturation by 10% instead.

 162, 88, 152

255, 255, 255

 218, 140, 206

 247, 167, 235

 255, 195, 255

 255, 223, 255

 255, 252, 255

 162, 88, 152

 135, 63, 126

 108, 38, 101

 83, 9, 77

 58, 0, 54

 37, 0, 32

 0, 0, 4

 0, 0, 0

 162, 88, 152

 162, 72, 150

 162, 88, 152

 162, 104, 154

162, 56, 148

162, 120, 156

162, 39, 145

162, 137, 159

162, 23, 143

162, 153, 161

162, 7, 141

162, 169, 163

162, 0, 140

162, 185, 165

162, 201, 167

162, 218, 170

162, 234, 172

Harmonies

Analogous

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



117, 104, 180



162, 88, 152



183, 80, 115

Triad

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



162, 88, 152



134, 113, 32



0, 132, 153

Complementary

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



162, 88, 152



88, 162, 98

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.



0, 133, 115



162, 88, 152



95, 124, 44

Square

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



162, 88, 152



164, 99, 47



39, 130, 76



0, 128, 181

Rectangle

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



162, 88, 152



184, 82, 89



39, 130, 76



0, 133, 141

Sweetspot

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



162, 88, 152



212, 182, 208



98, 88, 162



107, 89, 105



235, 235, 235



107, 107, 107

Same Dimension

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



162, 88, 152



212, 95, 196



162, 88, 115



82, 73, 80



145, 0, 126



18, 0, 15

Inverse Universe

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



162, 88, 152



212, 95, 196



88, 162, 135



82, 73, 80



145, 0, 126



18, 0, 15

Previews

White Background



This preview shows how the RGB color 162, 88, 152 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 162, 88, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

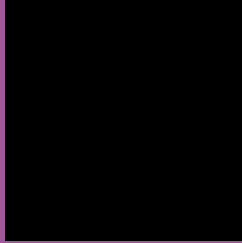
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 162, 88, 152 Background



This preview shows how black text looks on a background with the RGB color 162, 88, 152.

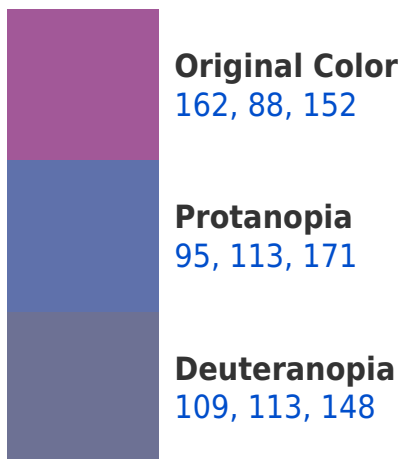



This preview shows how white text looks on a background with the RGB color 162, 88, 152.

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
156, 98, 106

Trichromacy



Original Color
162, 88, 152

Protanomaly
119, 104, 164

Deuteranomaly
128, 104, 149

Tritanomaly
158, 94, 123

Monochromacy



Original Color
162, 88, 152

Achromatopsia
117, 117, 117

Achromatomaly
133, 106, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 88, 152 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, 88, 152)` looks like.

```
.text, #text, p{  
    color:rgb(162, 88, 152)  
}
```

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, 88, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 88, 152) }
```

Border

The CSS property to change the border of an element to RGB 162, 88, 152 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, 88, 152) }
```

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

```
.border{ border-color:rgb(162, 88, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 88, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 88, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 88, 152);  
box-shadow:4px 4px 4px 4px rgb(162, 88,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 162, 88, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 88, 152) }
```

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

```
.background{ background-color: rgb(162, 88,  
152) }
```

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