

Converting Colors

RGB(160, 73, 168)

Have a look what the booklet for
RGB(160, 73, 168) contains.

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Color

RGB(160, 73, 168)

Conversions

Conversions Part 1

Format	Color
Hex	A049A8
RGB	160, 73, 168
RGB Percent	63%, 29%, 66%
CMY	0.3725, 0.7137, 0.3412
CMYK	0.05, 0.57, 0.00, 0.34
HSL	295°, 39%, 47%
HSV	295°, 57%, 66%
XYZ	23.9476, 15.0658, 38.6916
YIQ	109.8430, 21.3570, 47.9890

Conversions

Conversions Part 2

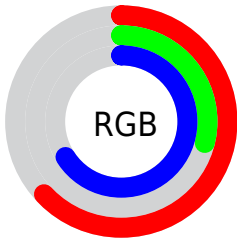
Format	Color
R_{YB}	160, 73, 168
Decimal	10504616
CIE _{Lab}	45.72, 49.75, -35.24
CIE _{LCh}	46, 60.964, 324.687
Yxy	15.0658, 0.3082, 0.1939
Android (android.graphics.Color)	4288694696 (0xFFA049A8)
YUV	109.8430, 28.6714, 43.9877
Hunter-Lab	38.8147, 42.2039, -31.9316

Details

The RGB color **160, 73, 168** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **81, 168, 73**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **217, 126, 224**, and **106, 16, 115** is the 20% darker color. If you saturate the color by 10%, you get **159, 56, 168**, and if you desaturate by 10%, it is **161, 90, 168**.

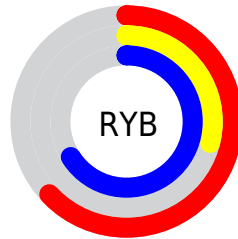
Distribution



Red (63%)

Green (29%)

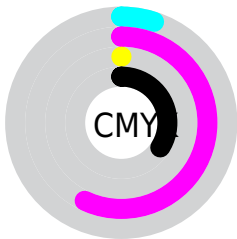
Blue (66%)



Red (63%)

Yellow (29%)

Blue (66%)

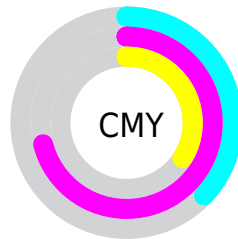


Cyan (5%)

Magenta (57%)

Yellow (0%)

Black (34%)



Cyan (37%)

Magenta (71%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 160, 73, 168 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 160, 73, 168 by changing the saturation by 10% instead.



160, 73, 168



160, 73, 168

255, 255, 255



133, 46, 141



217, 126, 224



106, 16, 115



246, 153, 252



79, 0, 90



255, 181, 255



54, 0, 66



255, 209, 255



30, 0, 44



255, 238, 255



0, 1, 22



0, 0, 0



160, 73, 168



160, 73, 168



159, 56, 168



161, 90, 168

 157, 39, 168

 163, 107, 168

 156, 23, 168


 164, 123, 168


 154, 6, 168

 166, 140, 168

 154, 0, 168

 167, 157, 168

 168, 174, 168

 170, 191, 168

 171, 207, 168

 173, 224, 168

Harmonies

Analogous

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



85, 99, 202



160, 73, 168



193, 51, 120

Triad

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



160, 73, 168



138, 103, 0



0, 131, 150

Complementary

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



160, 73, 168



81, 168, 73

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, 130, 97



160, 73, 168



90, 118, 0

Square

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



160, 73, 168



175, 81, 20



0, 126, 44



0, 127, 191

Rectangle

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



160, 73, 168



198, 52, 86



0, 126, 44



0, 131, 133

Sweetspot

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



160, 73, 168



216, 182, 219



73, 82, 168



108, 88, 110



237, 237, 237



110, 110, 110

Same Dimension

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



160, 73, 168



207, 70, 219



168, 73, 130



83, 76, 84



135, 0, 148



19, 0, 20

Inverse Universe

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



168, 73, 81



219, 70, 83



73, 168, 111



84, 76, 76



148, 0, 12



20, 0, 2

Previews

White Background



This preview shows how the RGB color 160, 73, 168 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 160, 73, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

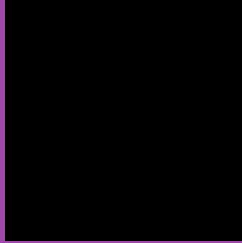
Any Text WCAG AA × Fail

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 160, 73, 168 Background



This preview shows how black text looks on a background with the RGB color 160, 73, 168.

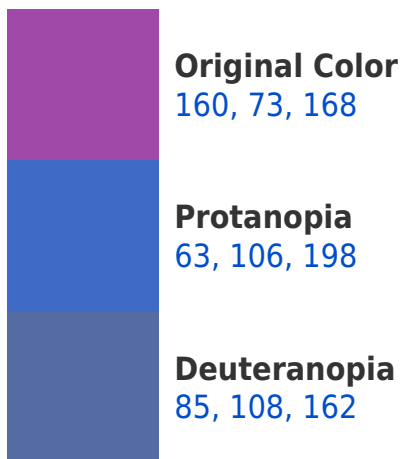


This preview shows how white text looks on a background with the RGB color 160, 73, 168.

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
151, 92, 98

Trichromacy



Original Color

160, 73, 168



Protanomaly

98, 94, 187



Deuteranomaly

112, 95, 164



Tritanomaly

154, 85, 123

Monochromacy



Original Color

160, 73, 168



Achromatopsia

110, 110, 110



Achromatomaly

128, 97, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 160, 73, 168 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(160, 73, 168)` looks like.

```
.text, #text, p{  
    color:rgb(160, 73, 168)  
}
```

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(160, 73, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 73, 168) }
```

Border

The CSS property to change the border of an element to RGB 160, 73, 168 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(160, 73, 168) }
```

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

```
.border{ border-color:rgb(160, 73, 168) }
```

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

Here you see how a box with a 4 pixel rgb(160, 73, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 73, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 73, 168);  
box-shadow:4px 4px 4px 4px rgb(160, 73,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 160, 73, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 73, 168) }
```

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

```
.background{ background-color: rgb(160, 73,  
168) }
```

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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