Converting Colors

RYB(160, 69, 148)

Have a look what the booklet for RYB(160, 69, 148) contains.

Color

RYB(160, 69, 148)

Conversions

Conversions Part 1

Format	Color
Hex	A04594
RGB	160, 69, 148
RGB Percent	63%, 27%, 58%
CMY	0.3725, 0.7294, 0.4196
CMYK	0.00, 0.57, 0.07, 0.37
HSL	308°, 40%, 45%
HSV	308°, 57%, 63%
XYZ	21.9706, 13.8679, 29.5358
YIQ	105.2150, 28.8770, 43.8610

Conversions

Conversions Part 2

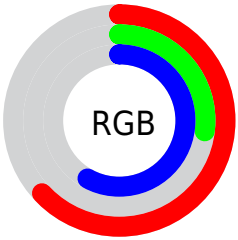
Format	Color
RYB	160, 69, 148
Decimal	10503572
CIELab	44.04, 48.05, -25.94
CIELCh	44, 54.609, 331.634
Yxy	13.8679, 0.3361, 0.2121
Android (android.graphics.Color)	4288693652 (0xFFA04594)
YUV	105.2150, 21.0930, 48.0464
Hunter-Lab	37.2397, 40.1417, -20.9567

Details

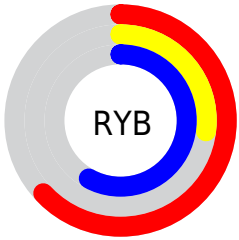
The RYB color 160, 69, 148 is a dark color, and the websafe version is hex 993399. A complement of this color would be 69, 149, 160, and the grayscale version is 105, 105, 105.

A 20% lighter version of the original color is 217, 122, 202, and 106, 9, 97 is the 20% darker color. If you saturate the color by 10%, you get 160, 53, 146, and if you desaturate by 10%, it is 160, 85, 150.

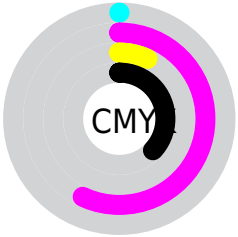
Distribution



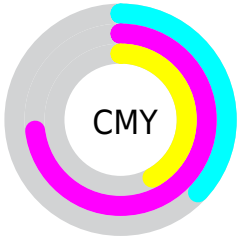
- Red (63%)
- Green (27%)
- Blue (58%)



- Red (63%)
- Yellow (27%)
- Blue (58%)



- Cyan (0%)
- Magenta (57%)
- Yellow (7%)
- Black (37%)



- Cyan (37%)
- Magenta (73%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 69, 148 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 RYB color 160, 69, 148 by changing the saturation by 10% instead.

160, 69, 148	160, 69, 148
255, 255, 255	133, 42, 122
217, 122, 202	106, 9, 97
246, 149, 231	80, 0, 73
255, 176, 255	55, 0, 50
255, 205, 255	29, 0, 29
255, 233, 255	0, 0, 0

160, 69, 148	160, 69, 148
160, 53, 146	160, 85, 150
160, 37, 144	160, 101, 152

160, 21, 142

160, 5, 140

160, 0, 139

160, 117, 154

160, 133, 156

160, 149, 159

160, 164, 165

160, 178, 181

160, 193, 197

160, 207, 213

Harmonies

Analogous

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

106, 91, 182

160, 69, 148

183, 56, 104

Triad

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

160, 69, 148

24, 123, 0

0, 68, 151

Complementary

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

160, 69, 148

69, 149, 160

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, 68, 125

160, 69, 148

12, 115, 50

Square

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

160, 69, 148

158, 146, 18

0, 83, 122

0, 73, 184

Rectangle

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

160, 69, 148

184, 60, 74

0, 83, 122

0, 65, 136

Sweetspot

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

160, 69, 148

209, 174, 204

80, 69, 160

105, 84, 102

232, 232, 232

105, 105, 105

Same Dimension

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

160, 69, 148

209, 67, 190

160, 69, 104

79, 71, 78

143, 0, 124

15, 0, 13

Inverse Universe

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

160, 69, 148

209, 67, 190

69, 125, 160

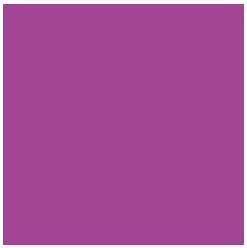
79, 71, 78

143, 0, 124

15, 0, 13

Previews

White Background

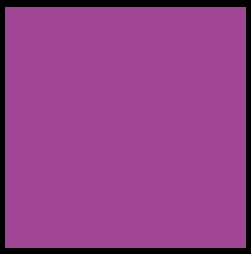


This preview shows how the RYB color 160, 69, 148 looks on a white background.

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



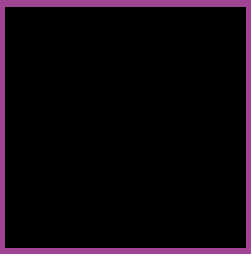
This preview shows how the RYB color 160, 69, 148 looks on a black background.

Color Contrast Check

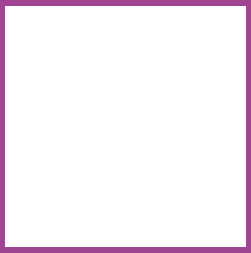
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 160, 69, 148 Background



This preview shows how black text looks on a background with the RYB color 160, 69, 148.



This preview shows how white text looks on a background with the RYB color 160, 69, 148.

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

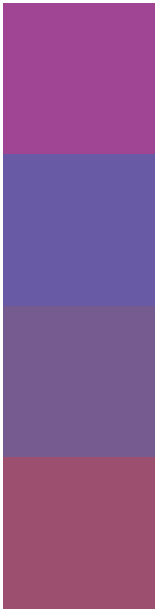
Original Color
160, 69, 148

Protanopia
74, 96, 176

Deuteranopia
94, 102, 142

Tritanopia
154, 84, 90

Trichromacy



Original Color
160, 69, 148

Protanomaly
105, 90, 166

Deuteranomaly
118, 91, 144

Tritanomaly
156, 79, 111

Monochromacy

Original Color
160, 69, 148

Achromatopsia
105, 105, 105

Achromatomaly
125, 92, 121

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 69, 148 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, 69, 148) looks like.

```
.text, #text, p{
    color:rgb(160, 69, 148)
}
```

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, 69, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 69, 148) }
```

Border

The CSS property to change the border of an element to RYB 160, 69, 148 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, 69, 148) }
```

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

```
.border{ border-color:rgb(160, 69, 148) }
```

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

Here you see how a box with a 4 pixel rgb(160, 69, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 69, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 69, 148); box-shadow:4px 4px 4px 4px rgb(160, 69, 148) }
```

Background

The CSS property to change the background color of an element to RYB 160, 69, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(160, 69, 148) }
```

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

```
.background{ background-color:rgb(160, 69,
148) }
```

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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