

Converting Colors

`RYB(92, 56, 175)`

Have a look what the booklet for
RYB(92, 56, 175) contains.

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Color

R_YB(92, 56, 175)

Conversions

Conversions Part 1

Format	Color
Hex	5C38AF
RGB	92, 56, 175
RGB Percent	36%, 22%, 69%
CMY	0.6392, 0.7804, 0.3137
CMYK	0.47, 0.68, 0.00, 0.31
HSL	258°, 52%, 45%
HSV	258°, 68%, 69%
XYZ	13.5657, 8.1988, 41.4250
YIQ	80.3300, -16.7430, 44.6410

Conversions

Conversions Part 2

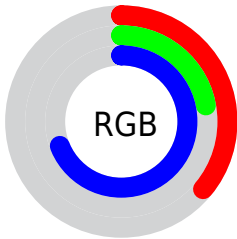
Format	Color
R _Y B	92, 56, 175
Decimal	6043823
CIE Lab	34.39, 44.09, -58.04
CIE LCh	34, 72.881, 307.221
Yxy	8.1988, 0.2147, 0.1297
Android (android.graphics.Color)	4284233903 (0xFF5C38AF)
YUV	80.3300, 46.6723, 10.2346
Hunter-Lab	28.6336, 34.4589, -65.7330

Details

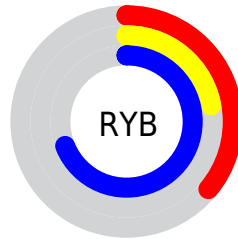
The RYB color **92, 56, 175** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **56, 175, 92**, and the grayscale version is **80, 80, 80**.

A 20% lighter version of the original color is **149, 105, 231**, and **30, 6, 121** is the 20% darker color. If you saturate the color by 10%, you get **80, 39, 175**, and if you desaturate by 10%, it is **104, 74, 175**.

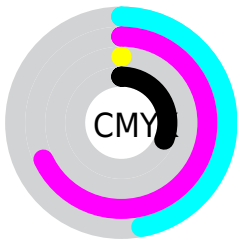
Distribution



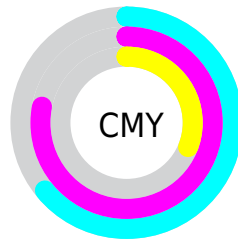
- Red (36%)
- Green (22%)
- Blue (69%)



- Red (36%)
- Yellow (22%)
- Blue (69%)



- Cyan (47%)
- Magenta (68%)
- Yellow (0%)
- Black (31%)



- Cyan (64%)
- Magenta (78%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 56, 175 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 92, 56, 175 by changing the saturation by 10% instead.



92, 56, 175



92, 56, 175

255, 255, 255



63, 32, 148



149, 105, 231



30, 6, 121



177, 131, 255



0, 0, 96



206, 158, 255



0, 0, 71



236, 185, 255



0, 4, 48



255, 213, 255



0, 1, 26



255, 242, 255



0, 0, 0



92, 56, 175



92, 56, 175



80, 39, 175



104, 74, 175

68, 21, 175

116, 91, 175

55, 4, 175

129, 109, 175

53, 0, 175

141, 126, 175

153, 144, 175

165, 161, 175

175, 179, 177

175, 196, 181

175, 214, 187

Harmonies

Analogous

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



0, 60, 199



92, 56, 175



157, 0, 127

Triad

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



92, 56, 175



134, 109, 0



0, 54, 103

Complementary

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



92, 56, 175



56, 175, 92

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, 77, 101



92, 56, 175



4, 87, 0

Square

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



92, 56, 175



166, 2, 11



0, 95, 90



0, 61, 151

Rectangle

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



92, 56, 175



174, 0, 89



0, 95, 90



0, 60, 103

Sweetspot

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



92, 56, 175



195, 182, 227



56, 105, 175



96, 87, 115



242, 242, 242



115, 115, 115

Same Dimension

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



92, 56, 175



97, 41, 227



151, 56, 175



81, 78, 87



46, 0, 150



7, 0, 23

Inverse Universe

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



175, 56, 139



227, 41, 171



56, 175, 151



87, 78, 84



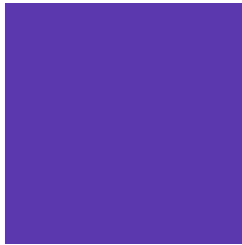
150, 0, 105



23, 0, 16

Previews

White Background



This preview shows how the RYB color 92, 56, 175 looks on a white background.

Color Contrast Check

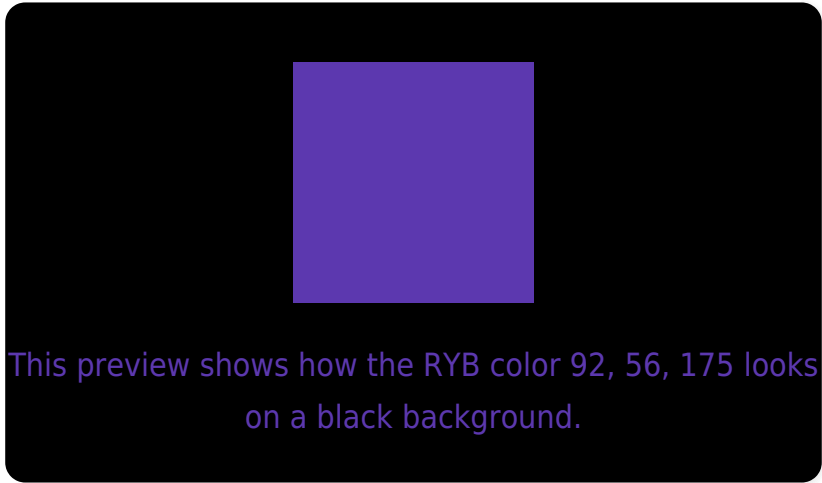
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

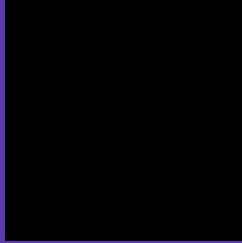
Any Text WCAG AA × Fail

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 92, 56, 175 Background



This preview shows how black text looks on a background with the RYB color 92, 56, 175.

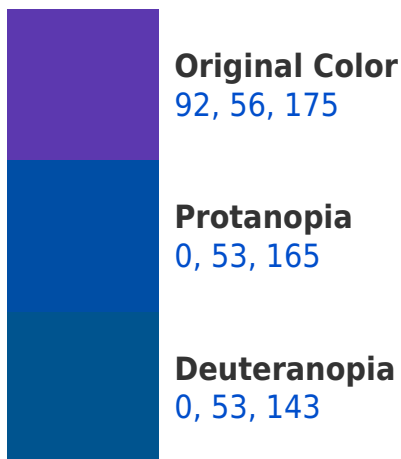


This preview shows how white text looks on a background with the RYB color 92, 56, 175.

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

69, 77, 90

Trichromacy



Original Color
92, 56, 175

Protanomaly
33, 62, 169

Deuteranomaly
33, 63, 155

Tritanomaly
77, 73, 121

Monochromacy



Original Color
92, 56, 175

Achromatopsia
80, 80, 80

Achromatomaly
84, 71, 115

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 56, 175 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(92, 56, 175) looks like.

```
.text, #text, p{  
    color:rgb(92, 56, 175)  
}
```

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(92, 56, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 56, 175) }
```

Border

The CSS property to change the border of an element to RYB 92, 56, 175 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(92, 56, 175) }
```

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

```
.border{ border-color:rgb(92, 56, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 56, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 56, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 56, 175);  
box-shadow:4px 4px 4px 4px rgb(92, 56,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 92, 56, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 56, 175) }
```

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

```
.background{ background-color: rgb(92, 56,  
175) }
```

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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