

Converting Colors

`RYB(146, 92, 199)`

Have a look what the booklet for
RYB(146, 92, 199) contains.

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Color

R_YB(146, 92, 199)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 925CC7 |
| RGB | 146, 92, 199 |
| RGB Percent | 57%, 36%, 78% |
| CMY | 0.4275, 0.6392, 0.2196 |
| CMYK | 0.27, 0.54, 0.00, 0.22 |
| HSL | 270°, 49%, 57% |
| HSV | 270°, 54%, 78% |
| XYZ | 25.9900, 17.8888, 56.1159 |
| YIQ | 120.3440, -2.1630, 44.7250 |

Conversions

Conversions Part 2

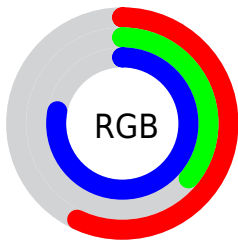
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 146, 92, 199 |
| Decimal | 9592007 |
| CIE Lab | 49.36, 42.81, -47.66 |
| CIE LCh | 49, 64.060, 311.928 |
| Yxy | 17.8888, 0.2599, 0.1789 |
| Android (android.graphics.Color) | 4287782087 (0xFF925CC7) |
| YUV | 120.3440, 38.7774, 22.5003 |
| Hunter-Lab | 42.2952, 35.6702, -49.0575 |

Details

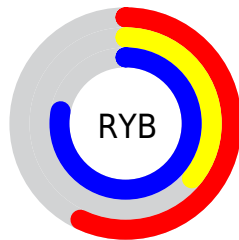
The RYB color **146, 92, 199** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **92, 199, 146**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **202, 144, 255**, and **92, 43, 144** is the 20% darker color. If you saturate the color by 10%, you get **136, 72, 199**, and if you desaturate by 10%, it is **156, 112, 199**.

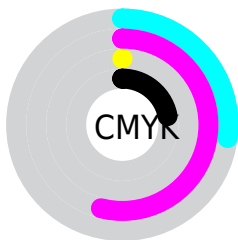
Distribution



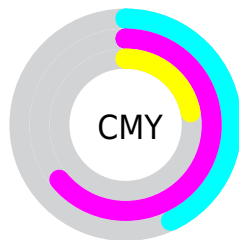
- Red (57%)
- Green (36%)
- Blue (78%)



- Red (57%)
- Yellow (36%)
- Blue (78%)



- Cyan (27%)
- Magenta (54%)
- Yellow (0%)
- Black (22%)



- Cyan (43%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 146, 92, 199 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 146, 92, 199 by changing the saturation by 10% instead.

 146, 92, 199


255, 255, 255

 202, 144, 255

 231, 171, 255


 255, 199, 255

 255, 227, 255

 146, 92, 199

 119, 67, 171

 92, 43, 144

 65, 17, 118

 37, 0, 93

 14, 0, 69


 0, 3, 45

 0, 1, 24

 0, 0, 0


 146, 92, 199


 146, 92, 199


 136, 72, 199

 156, 112, 199

 126, 52, 199


 166, 132, 199

 116, 32, 199

 176, 152, 199

 107, 12, 199

 185, 172, 199

 100, 0, 199

 195, 192, 199

 199, 211, 205

 199, 231, 215

 199, 251, 225

 199, 255, 219

Harmonies

Analogous

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



0, 77, 225



146, 92, 199



197, 65, 152

Triad

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



146, 92, 199



109, 168, 0



0, 72, 142

Complementary

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



146, 92, 199



92, 199, 146

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, 89, 140



146, 92, 199



0, 122, 0

Square

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



146, 92, 199



201, 85, 46



24, 134, 100



0, 80, 189

Rectangle

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



146, 92, 199



211, 55, 116



24, 134, 100



0, 76, 141

Sweetspot

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



146, 92, 199



235, 214, 255



92, 128, 199



116, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



146, 92, 199



173, 89, 255



199, 92, 199



95, 90, 99



82, 0, 163



18, 0, 36

Inverse Universe

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



199, 92, 145



255, 89, 171



92, 199, 199



99, 90, 94



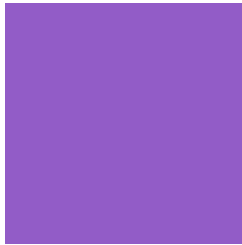
163, 0, 81



36, 0, 18

Previews

White Background



This preview shows how the RYB color 146, 92, 199 looks on a white background.

Color Contrast Check

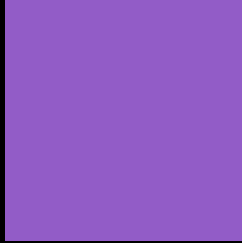
Large Text (above 18pt) WCAG AA ✓ Pass

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 146, 92, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

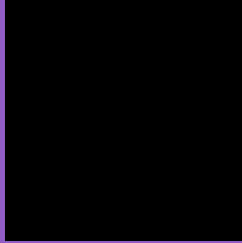
Any Text WCAG AA ✓ Pass

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](#).

RYB 146, 92, 199 Background



This preview shows how black text looks on a background with the RYB color 146, 92, 199.

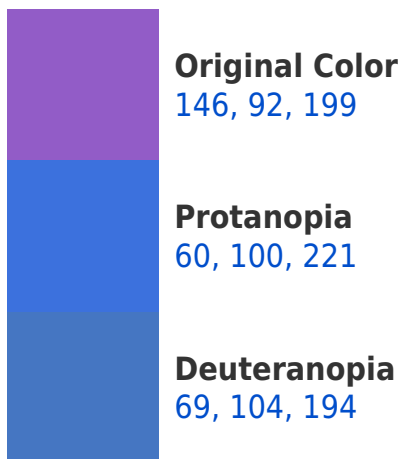


This preview shows how white text looks on a background with the RYB color 146, 92, 199.

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
132, 112, 121

Trichromacy



Original Color

146, 92, 199



Protanomaly

91, 104, 213



Deuteranomaly

97, 108, 196



Tritanomaly

137, 105, 149

Monochromacy



Original Color

146, 92, 199



Achromatopsia

120, 120, 120



Achromatomaly

129, 110, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 92, 199 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(146, 92, 199)` looks like.

```
.text, #text, p{  
    color:rgb(146, 92, 199)  
}
```

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(146, 92, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 92, 199) }
```

Border

The CSS property to change the border of an element to RYB 146, 92, 199 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(146, 92, 199) }
```

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

```
.border{ border-color:rgb(146, 92, 199) }
```

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

Here you see how a box with a 4 pixel rgb(146, 92, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 92, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 92, 199);  
box-shadow:4px 4px 4px 4px rgb(146, 92,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 146, 92, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 92, 199) }
```

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

```
.background{ background-color: rgb(146, 92,  
199) }
```

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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