

Converting Colors

RGB(145, 112, 221)

Have a look what the booklet for
RGB(145, 112, 221) contains.

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Color

RGB(145, 112, 221)

Conversions

Conversions Part 1

Format	Color
Hex	9170DD
RGB	145, 112, 221
RGB Percent	57%, 44%, 87%
CMY	0.4314, 0.5608, 0.1333
CMYK	0.34, 0.49, 0.00, 0.13
HSL	258°, 62%, 65%
HSV	258°, 49%, 87%
XYZ	30.5224, 22.8285, 71.2043
YIQ	134.2930, -15.3210, 40.8950

Conversions

Conversions Part 2

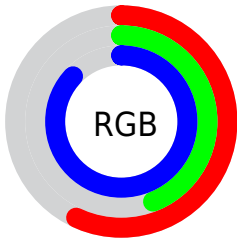
Format	Color
R _{YB}	145, 112, 221
Decimal	9531613
CIE Lab	54.90, 36.81, -51.36
CIE LCh	55, 63.195, 305.630
Yxy	22.8285, 0.2451, 0.1833
Android (android.graphics.Color)	4287721693 (0xFF9170DD)
YUV	134.2930, 42.7466, 9.3900
Hunter-Lab	47.7792, 30.4159, -54.9130

Details

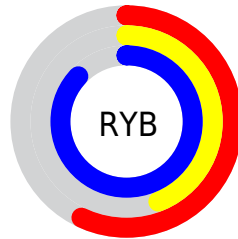
The RGB color **145, 112, 221** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **188, 221, 112**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **202, 164, 255**, and **90, 63, 165** is the 20% darker color. If you saturate the color by 10%, you get **130, 90, 221**, and if you desaturate by 10%, it is **160, 134, 221**.

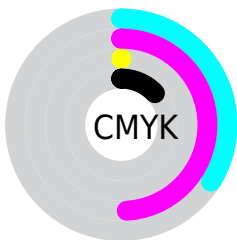
Distribution



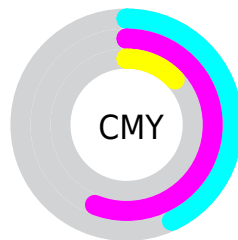
- Red (57%)
- Green (44%)
- Blue (87%)



- Red (57%)
- Yellow (44%)
- Blue (87%)



- Cyan (34%)
- Magenta (49%)
- Yellow (0%)
- Black (13%)




- Cyan (43%)
- Magenta (56%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 112, 221 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 145, 112, 221 by changing the saturation by 10% instead.

 145, 112, 221


 145, 112, 221

255, 255, 255

 117, 87, 193


 202, 164, 255

 90, 63, 165

 231, 192, 255

 62, 40, 138

 255, 220, 255

 32, 17, 112

 255, 249, 255

 0, 0, 87


 0, 0, 63


 0, 3, 40


 0, 1, 18

 0, 0, 0

 145, 112, 221

 145, 112, 221


 130, 90, 221

 160, 134, 221

 114, 68, 221


 176, 156, 221

 99, 46, 221

 191, 178, 221

 83, 24, 221

 207, 200, 221

 68, 1, 221

 222, 223, 221

 67, 0, 221

 237, 245, 221

 253, 255, 221

 255, 255, 221

Harmonies

Analogous

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



0, 135, 241



145, 112, 221



205, 86, 178

Triad

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



145, 112, 221



192, 112, 22



0, 157, 140

Complementary

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



145, 112, 221



188, 221, 112

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, 154, 84



145, 112, 221



148, 132, 0

Square

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



145, 112, 221



222, 88, 71



90, 146, 30



0, 155, 194

Rectangle

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



145, 112, 221



224, 75, 142



90, 146, 30



0, 156, 121

Sweetspot

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



145, 112, 221



228, 217, 255



112, 188, 221



111, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



145, 112, 221



150, 105, 255



199, 112, 221



102, 99, 110



52, 0, 173



14, 0, 46

Inverse Universe

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



221, 112, 188



255, 105, 209



134, 221, 112



110, 99, 106



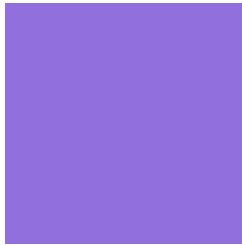
173, 0, 121



46, 0, 32

Previews

White Background



This preview shows how the RGB color 145, 112, 221 looks on a white background.

Color Contrast Check

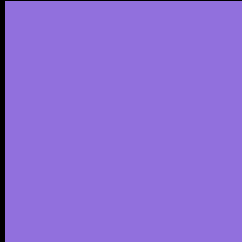
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 145, 112, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

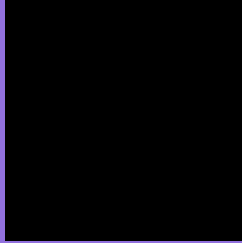
Any Text WCAG AA ✓ Pass

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](#).

RGB 145, 112, 221 Background



This preview shows how black text looks on a background with the RGB color 145, 112, 221.

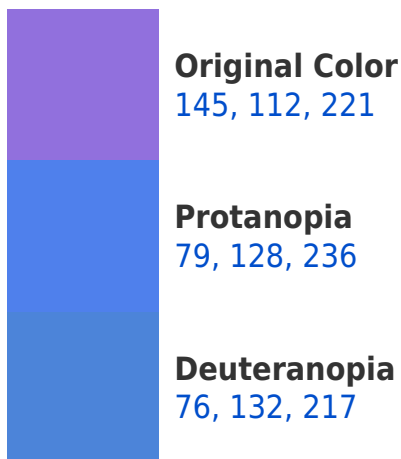


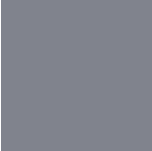
This preview shows how white text looks on a background with the RGB color 145, 112, 221.

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
128, 131, 141

Trichromacy



Original Color
145, 112, 221

Protanomaly
103, 122, 231

Deuteranomaly
101, 125, 218

Tritanomaly
134, 124, 170

Monochromacy



Original Color
145, 112, 221

Achromatopsia
134, 134, 134

Achromatomaly
138, 126, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 112, 221 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(145, 112, 221)` looks like.

```
.text, #text, p{  
    color:rgb(145, 112, 221)  
}
```

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(145, 112, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 112, 221) }
```

Border

The CSS property to change the border of an element to RGB 145, 112, 221 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(145, 112, 221) }
```

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

```
.border{ border-color:rgb(145, 112, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 112, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 112, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 112, 221);  
box-shadow:4px 4px 4px 4px rgb(145, 112,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 145, 112, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 112, 221) }
```

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

```
.background{ background-color: rgb(145,  
112, 221) }
```

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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