

Converting Colors

RGB(147, 126, 182)

Have a look what the booklet for
RGB(147, 126, 182) contains.

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Color

RGB(147, 126, 182)

Conversions

Conversions Part 1

Format	Color
Hex	937EB6
RGB	147, 126, 182
RGB Percent	58%, 49%, 71%
CMY	0.4235, 0.5059, 0.2863
CMYK	0.19, 0.31, 0.00, 0.29
HSL	262°, 28%, 60%
HSV	262°, 31%, 71%
XYZ	27.9370, 24.5022, 47.5129
YIQ	138.6630, -5.4600, 21.8680

Conversions

Conversions Part 2

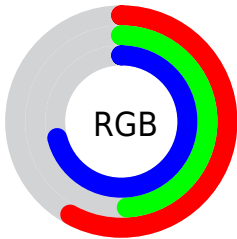
Format	Color
RYB	147, 126, 182
Decimal	9666230
CIELab	56.59, 19.57, -26.55
CIELCh	57, 32.980, 306.392
Yxy	24.5022, 0.2795, 0.2451
Android (android.graphics.Color)	4287856310 (0xFF937EB6)
YUV	138.6630, 21.3651, 7.3115
Hunter-Lab	49.4996, 14.1188, -22.2606

Details

The RGB color **147, 126, 182** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **161, 182, 126**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **202, 179, 238**, and **95, 77, 129** is the 20% darker color. If you saturate the color by 10%, you get **136, 108, 182**, and if you desaturate by 10%, it is **158, 144, 182**.

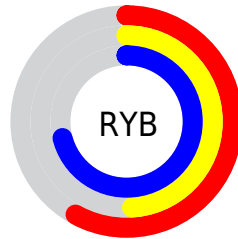
Distribution



Red (58%)

Green (49%)

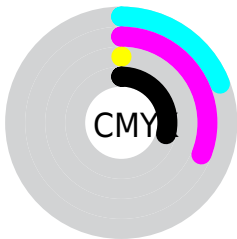
Blue (71%)



Red (58%)

Yellow (49%)

Blue (71%)

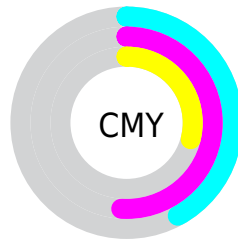


Cyan (19%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (42%)


Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RGB color 147, 126, 182 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 147, 126, 182 by changing the saturation by 10% instead.

 147, 126, 182

 147, 126, 182

255, 255, 255

 121, 101, 155

 202, 179, 238

 95, 77, 129

 230, 206, 255

 71, 54, 104

 255, 235, 255


 47, 32, 79


 24, 11, 56

 0, 0, 34

 0, 0, 8

 0, 0, 0


 147, 126, 182


 147, 126, 182


 136, 108, 182


 158, 144, 182

 124, 90, 182

 170, 162, 182

 113, 71, 182

 181, 181, 182

 102, 53, 182


 193, 199, 182

 90, 35, 182

 204, 217, 182

 79, 17, 182

 215, 235, 182

 68, 0, 182

 227, 253, 182

 238, 255, 182

 249, 255, 182

Harmonies

Analogous

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



104, 137, 192



147, 126, 182



177, 117, 159

Triad

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



147, 126, 182



173, 126, 84



38, 151, 141

Complementary

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



147, 126, 182



161, 182, 126

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.



82, 149, 112



147, 126, 182



148, 136, 78

Square

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



147, 126, 182



189, 117, 103



118, 144, 88



0, 150, 169

Rectangle

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



147, 126, 182



188, 113, 140



118, 144, 88



54, 151, 131

Sweetspot

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



147, 126, 182



224, 216, 237



126, 161, 182



112, 107, 120



247, 247, 247



120, 120, 120

Same Dimension

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



147, 126, 182



182, 149, 237



175, 126, 182



86, 83, 92



58, 0, 156



11, 0, 28

Inverse Universe

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



182, 126, 161



237, 149, 204



133, 182, 126



92, 83, 88



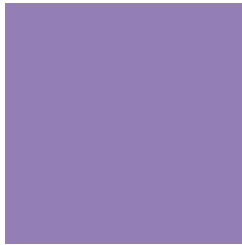
156, 0, 97



28, 0, 18

Previews

White Background



This preview shows how the RGB color 147, 126, 182 looks on a white background.

Color Contrast Check

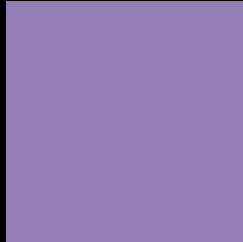
Large Text (above 18pt) WCAG AA ✓ Pass

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 147, 126, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

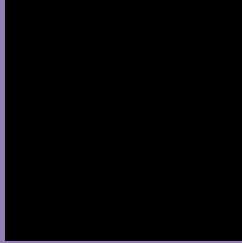
Any Text WCAG AA ✓ Pass

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 147, 126, 182 Background



This preview shows how black text looks on a background with the RGB color 147, 126, 182.



This preview shows how white text looks on a background with the RGB color 147, 126, 182.

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
147, 126, 182

Protanopia
120, 134, 188

Deuteranopia
124, 134, 180



Tritanopia

140, 133, 144

Trichromacy



Original Color

147, 126, 182

Protanomaly

130, 131, 186

Deuteranomaly

132, 131, 181

Tritanomaly

143, 130, 158

Monochromacy



Original Color

147, 126, 182

Achromatopsia

139, 139, 139

Achromatomaly

142, 134, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 126, 182 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(147, 126, 182)` looks like.

```
.text, #text, p{  
    color:rgb(147, 126, 182)  
}
```

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(147, 126, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 126, 182) }
```

Border

The CSS property to change the border of an element to RGB 147, 126, 182 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(147, 126, 182) }
```

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

```
.border{ border-color:rgb(147, 126, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 126, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 126, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 126, 182);  
box-shadow:4px 4px 4px 4px rgb(147, 126,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 147, 126, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 126, 182) }
```

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

```
.background{ background-color: rgb(147,  
126, 182) }
```

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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