

Converting Colors

HunterLab(31.9058, 40.9419,
-18.5394)

Have a look what the booklet for
HunterLab(31.9058, 40.9419,
-18.5394) contains.

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Color

**HunterLab(31.8780, 41.1727,
-18.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	943281
RGB	148, 50, 129
RGB Percent	58%, 20%, 51%
CMY	0.4196, 0.8039, 0.4941
CMYK	0.00, 0.66, 0.13, 0.42
HSL	312°, 49%, 39%
HSV	312°, 66%, 58%
XYZ	17.3158, 10.1621, 21.8177
YIQ	88.3080, 33.0490, 45.3450

Conversions

Conversions Part 2

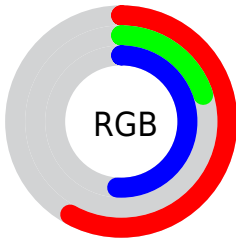
Format	Color
R_{YB}	148, 50, 129
Decimal	9712257
CIE _{Lab}	38.13, 50.12, -23.70
CIE _{LCh}	38, 55.440, 334.689
Yxy	10.1626, 0.3513, 0.2062
Android (android.graphics.Color)	4287902337 (0xFF943281)
YUV	88.3080, 20.0612, 52.3499
Hunter-Lab	31.8780, 41.1727, -18.2642

Details

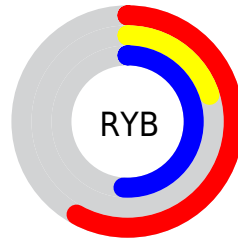
The HunterLab color **31.8780, 41.1727, -18.2642** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **47.2101, -33.5409, 21.4315**, and the grayscale version is **31.2732, -1.6687, 1.6991**.

A 20% lighter version of the original color is **51.2417, 44.6873, -18.8498**, and **17.1587, 32.6746, -14.4149** is the 20% darker color. If you saturate the color by 10%, you get **30.0330, 46.0693, -19.7419**, and if you desaturate by 10%, it is **34.2295, 35.2577, -16.0220**.

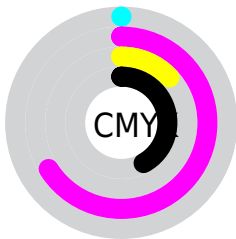
Distribution



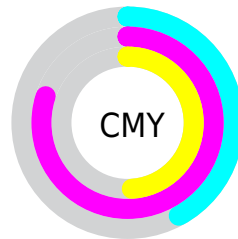
- Red (58%)
- Green (20%)
- Blue (51%)



- Red (58%)
- Yellow (20%)
- Blue (51%)



- Cyan (0%)
- Magenta (66%)
- Yellow (13%)
- Black (42%)














- Cyan (42%)
- Magenta (80%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8780, 41.1727, -18.2642 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 HunterLab color 31.8780, 41.1727, -18.2642 by changing the saturation by 10% instead.

 31.8780, 41.1727, -18.2642	 31.8780, 41.1727, -18.2642
138.5021, 54.1825, -20.5634	 23.4667, 39.2339, -17.7478
 51.0890, 44.7875, -19.1806	 15.9613, 37.3198, -17.2694
 61.7674, 46.4310, -19.5528	 9.4890, 35.7756, -17.0485
 73.1010, 47.9645, -19.8636	0.0000, INF, -NF
	0.0000, NaN, -NF
 85.0537, 49.3933, -20.1142	0.0000, NaN, NaN
	0.0000, NaN, NaN
 97.5950, 50.7236, -20.3069	0.0000, NaN, NaN
	0.0000, NaN, NaN
 110.6985, 51.9614,	

-20.4442

0.0000, NaN, NaN

124.3411, 53.1126,
-20.5289

■ 31.8780, 41.1727,
-18.2642

■ 31.8780, 41.1727,
-18.2642

■ 30.0330, 46.0693,
-19.7419

■ 34.2295, 35.2577,
-16.0220

■ 28.7181, 49.5766,
-20.3008

■ 37.0372, 28.7190,
-13.2148

■ 27.8984, 51.5508,
-19.9355

■ 40.2458, 21.8709,
-10.0222

■ 27.6319, 52.1670,
-19.7150

■ 43.8003, 14.9316,
-6.5852

■ 47.6511, 8.0329,
-3.0032

■ 51.7561, 1.2445,
0.6592

■ 56.0801, -5.4044,
4.3618

■ 60.5943, -11.9081,
8.0813

■ 65.2751, -18.2737,
11.8047

Harmonies

Analogous

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



31.8788, 23.3393, -45.5469



31.8780, 41.1727, -18.2642



31.8788, 46.5383, 4.5901

Triad

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



31.8788, 41.1709, -18.2630



31.8788, -4.7935, 20.9510



31.8788, -27.6128, -26.9881

Complementary

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



31.8780, 41.1727, -18.2642



47.2101, -33.5409, 21.4315

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.



31.8788, -31.7455, -1.4107



31.8780, 41.1727, -18.2642



31.8788, -20.8106, 19.5599

Square

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



31.8788, 41.1709, -18.2630



31.8788, 16.5108, 20.2724



31.8788, -29.6044, 13.7697



31.8788, -16.5675, -52.4078

Rectangle

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



31.8780, 41.1727, -18.2642



31.8788, 41.4322, 13.5674



31.8788, -29.6044, 13.7697



31.8788, -29.7133, -17.6984

Sweetspot

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



31.8788, 41.1709, -18.2630



61.1106, 14.4925, -5.9981



23.7648, 25.0202, -54.8174



28.5755, 8.0431, -3.4458



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



31.8788, 41.1709, -18.2630



39.0441, 63.4797, -26.7060



30.2857, 34.4667, 4.0113



24.2695, 1.5665, -0.2120



25.5450, 48.2394, -18.3213



2.8955, 5.5809, -2.9529

Inverse Universe

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



31.8788, 41.1709, -18.2630



39.0441, 63.4797, -26.7060



48.1060, -28.1016, 8.4203



24.2695, 1.5665, -0.2120



25.5450, 48.2394, -18.3213



2.8955, 5.5809, -2.9529

Previews

White Background



This preview shows how the HunterLab color 31.8780, 41.1727, -18.2642 looks on a white background.

Color Contrast Check

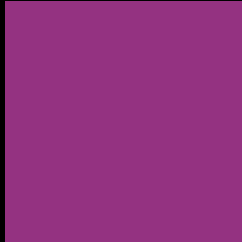
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 31.8780, 41.1727, -18.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

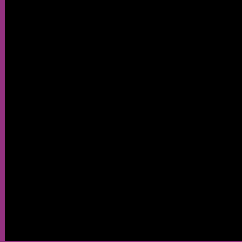
Any Text WCAG AA × Fail

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](#).

HunterLab 31.8780, 41.1727, -18.2642 Background



This preview shows how black text looks on a background with the HunterLab color 31.8780, 41.1727, -18.2642.



This preview shows how white text looks on a background with the HunterLab color 31.8780, 41.1727, -18.2642.

-18.2642.

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

31.8780, 41.1727, -18.2642

Protanopia

32.2388, 7.5523, -42.0131

Deuteranopia

32.1312, 2.3286, -14.7380



Tritanopia

31.9688, 23.8987, 9.0616

Trichromacy



Original Color

31.8780, 41.1727, -18.2642

Protanomaly

30.3172, 17.5591, -36.6179

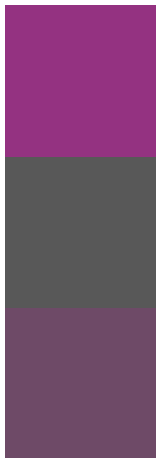
Deuteranomaly

30.8481, 15.7041, -18.0072

Tritanomaly

31.6851, 29.6295, 1.0964

Monochromacy



Original Color

31.8780, 41.1727, -18.2642

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

30.3180, 13.6343, -6.1737

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8780, 41.1727, -18.2642 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(148, 50, 129)` looks like.

```
.text, #text, p{  
    color:rgb(148, 50, 129)  
}
```

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(148, 50, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 50, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8780, 41.1727, -18.2642 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(148, 50, 129) }
```


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

```
.border{ border-color:rgb(148, 50, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 50, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 50, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 50, 129);  
box-shadow:4px 4px 4px 4px rgb(148, 50,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8780, 41.1727, -18.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 50, 129) }
```

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

```
.background{ background-color: rgb(148, 50,  
129) }
```

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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