

Converting Colors

HunterLab(59.0452, 19.1623,
-47.8246)

Have a look what the booklet for
HunterLab(59.0452, 19.1623,
-47.8246) contains.

HunterLab(58.8715, 19.2481, -47.9883)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(58.8715, 19.2481,
-47.9883)**

Conversions

Conversions Part 1

Format	Color
Hex	9C94F2
RGB	156, 148, 242
RGB Percent	61%, 58%, 95%
CMY	0.3882, 0.4196, 0.0510
CMYK	0.36, 0.39, 0.00, 0.05
HSL	245°, 78%, 76%
HSV	245°, 39%, 95%
XYZ	40.3272, 34.6585, 88.5687
YIQ	161.1080, -25.4060, 30.9300

Conversions

Conversions Part 2

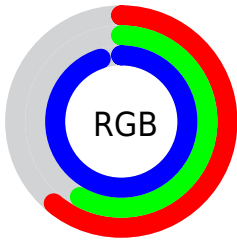
Format	Color
R _Y B	156, 148, 242
Decimal	10261746
CIE Lab	65.48, 24.50, -46.21
CIE LCh	65, 52.302, 297.930
Yxy	34.6598, 0.2466, 0.2119
Android (android.graphics.Color)	4288451826 (0xFF9C94F2)
YUV	161.1080, 39.8798, -4.4797
Hunter-Lab	58.8715, 19.2481, -47.9883

Details

The HunterLab color $58.8715, 19.2481, -47.9883$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $91.1786, -20.5083, 37.6057$, and the grayscale version is $59.5940, -3.1798, 3.2379$.

A 20% lighter version of the original color is $79.7541, 9.5145, -21.0216$, and $38.4953, 17.9457, -46.6582$ is the 20% darker color. If you saturate the color by 10%, you get $50.8270, 27.0155, -66.2000$, and if you desaturate by 10%, it is $67.4353, 12.2500, -32.0906$.

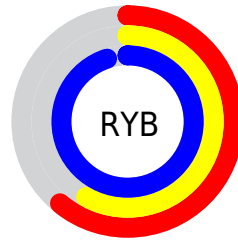
Distribution



Red (61%)

Green (58%)

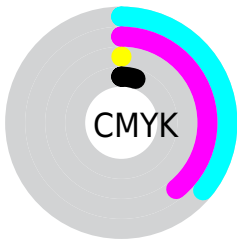
Blue (95%)



Red (61%)

Yellow (58%)

Blue (95%)

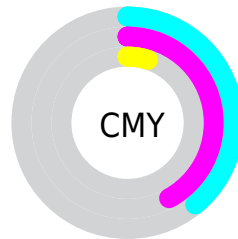


Cyan (36%)

Magenta (39%)

Yellow (0%)

Black (5%)



Cyan (39%)

Magenta (42%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.8715, 19.2481, -47.9883 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 58.8715, 19.2481, -47.9883 by changing the saturation by 10% instead.

■ 58.8715, 19.2481,
-47.9883

■ 58.8715, 19.2481,
-47.9883

179.7399, 21.7363,
-53.5683

■ 48.3745, 18.5900,
-47.3097

■ 81.8281, 20.2851,
-49.4259

■ 38.5874, 17.8242,
-46.7411

■ 94.2162, 20.6825,
-50.1299

■ 29.5671, 16.9356,
-46.4129

107.1732, 21.0084,
-50.8042

■ 21.3854, 15.9070,
-46.6068

120.6750, 21.2684,
-51.4418

■ 14.1392, 14.7228,
-48.0187

134.7005, 21.4674,
-52.0386

■ 7.7910, 14.3367,
-54.3043

149.2309, 21.6094,

0.0000, INF, -NF

-52.5925

0.0000, NaN, -NF

164.2491, 21.6980,
-53.1025

0.0000, NaN, -NF

■ 58.8715, 19.2481,
-47.9883

■ 58.8715, 19.2481,
-47.9883

■ 50.8270, 27.0155,
-66.2000

■ 67.4353, 12.2500,
-32.0906

■ 43.4463, 35.6931,
-87.2434

■ 76.4142, 5.8565,
-17.9912

■ 36.9467, 45.2386,
-111.2483

■ 85.7386, -0.0758,
-5.2608

■ 31.6311, 55.0549,
-137.0063

■ 95.3577, -5.6596,
6.4285

■ 27.8561, 63.4849,
-160.5237

■ 99.5946, -7.5612,
11.2280

■ 25.7988, 68.4239,
-175.9631

■ 25.6241, 68.9001,
-177.3786

Harmonies

Analogous

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



58.8726, -4.7475, -56.9543



58.8715, 19.2481, -47.9883



58.8726, 39.6403, -24.0815

Triad

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



58.8726, 19.2478, -47.9867



58.8726, 22.4703, 29.0203



58.8726, -41.4302, 4.7173

Complementary

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



58.8715, 19.2481, -47.9883



91.1786, -20.5083, 37.6057

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.



58.8726, -36.3861, 21.5809



58.8715, 19.2481, -47.9883



58.8726, -1.5240, 31.7996

Square

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



58.8726, 19.2478, -47.9867



58.8726, 41.6943, 19.8213



58.8726, -22.6211, 29.7247



58.8726, -37.6092, -20.3460

Rectangle

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



58.8715, 19.2481, -47.9883



58.8726, 47.1536, -6.3803



58.8726, -22.6211, 29.7247



58.8726, -40.7340, 11.4076

Sweetspot

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



58.8726, 19.2478, -47.9867



87.7942, 1.8836, -9.7600



84.6453, -26.4282, -7.1463



40.0154, 1.2498, -5.3247

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.8726, 19.2478, -47.9867



55.3548, 27.1943, -66.7480



63.4546, 32.9850, -38.8138



39.1063, 0.1314, -2.7687



18.8437, 50.5462, -129.4945



5.6331, 14.7328, -35.7853

Inverse Universe

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



67.8223, 44.6451, -25.4757



67.2385, 58.5420, -33.5752



87.3093, -34.9636, 34.1609



40.0086, 3.1224, -1.0768



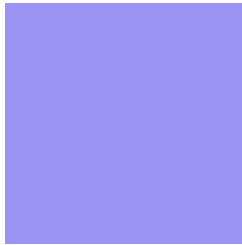
36.0099, 69.5160, -37.5671



10.4189, 20.1642, -11.2643

Previews

White Background



This preview shows how the HunterLab color 58.8715, 19.2481, -47.9883 looks on a white background.

Color Contrast Check

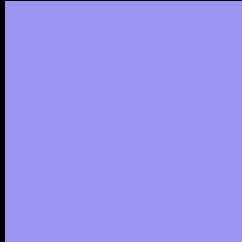
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 58.8715, 19.2481, -47.9883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

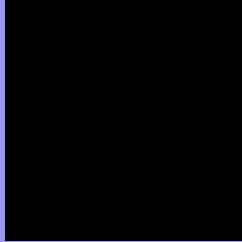
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 58.8715, 19.2481, -47.9883 Background



This preview shows how black text looks on a background with the HunterLab color 58.8715, 19.2481, -47.9883.



This preview shows how white text looks on a background with the HunterLab color 58.8715, 19.2481, -47.9883.

-47.9883.

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

58.8715, 19.2481, -47.9883

Protanopia

59.0776, 9.3130, -53.3785

Deuteranopia

58.9999, 5.1820, -46.3971



Tritanopia

58.8205, -6.9112, -4.7572

Trichromacy



Original Color

58.8715, 19.2481, -47.9883

Protanomaly

58.8817, 12.6972, -51.2885

Deuteranomaly

58.7626, 10.3613, -47.5754

Tritanomaly

58.6076, 1.6595, -18.5193

Monochromacy



Original Color

58.8715, 19.2481, -47.9883

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

59.0471, 3.9265, -12.4623

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.8715, 19.2481, -47.9883 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(156, 148, 242)` looks like.

```
.text, #text, p{  
    color:rgb(156, 148, 242)  
}
```

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(156, 148, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 148, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 58.8715, 19.2481, -47.9883 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(156, 148, 242) }
```


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

```
.border{ border-color:rgb(156, 148, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 148, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 148, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 148, 242);  
box-shadow:4px 4px 4px 4px rgb(156, 148,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.8715, 19.2481, -47.9883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 148, 242) }
```

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

```
.background{ background-color: rgb(156,  
148, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor