

Converting Colors

HunterLab(58.3166, 16.9134,
-44.4510)

Have a look what the booklet for
HunterLab(58.3166, 16.9134,
-44.4510) contains.

HunterLab(58.3166, 16.9134, -44.4510)	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(58.3166, 16.9134,
-44.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	9994EC
RGB	153, 148, 236
RGB Percent	60%, 58%, 93%
CMY	0.4000, 0.4196, 0.0745
CMYK	0.35, 0.37, 0.00, 0.07
HSL	243°, 70%, 75%
HSV	243°, 37%, 93%
XYZ	38.8671, 34.0083, 83.8726
YIQ	159.5270, -25.2680, 28.4280

Conversions

Conversions Part 2

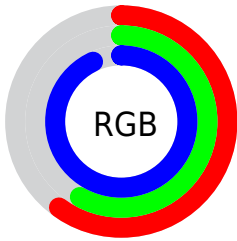
Format	Color
R _Y B	153, 148, 236
Decimal	10065132
CIE Lab	64.97, 22.12, -43.73
CIE LCh	65, 49.009, 296.827
Yxy	34.0095, 0.2480, 0.2170
Android (android.graphics.Color)	4288255212 (0xFF9994EC)
YUV	159.5270, 37.7012, -5.7242
Hunter-Lab	58.3166, 16.9134, -44.4510

Details

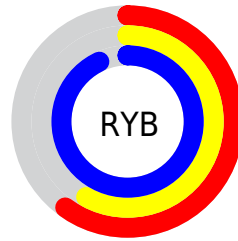
The HunterLab color $58.3166, 16.9134, -44.4510$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $88.9486, -18.6047, 35.8081$, and the grayscale version is $58.9563, -3.1458, 3.2032$.

A 20% lighter version of the original color is $79.4750, 8.5901, -21.4569$, and $38.0018, 15.9315, -43.6736$ is the 20% darker color. If you saturate the color by 10%, you get $50.3762, 24.2339, -61.9337$, and if you desaturate by 10%, it is $66.7493, 10.3615, -29.1773$.

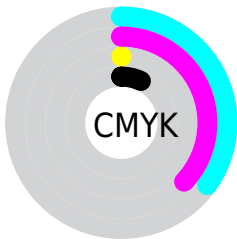
Distribution



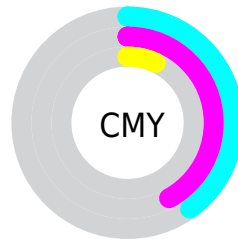
- Red (60%)
- Green (58%)
- Blue (93%)



- Red (60%)
- Yellow (58%)
- Blue (93%)



- Cyan (35%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3166, 16.9134, -44.4510 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 58.3166, 16.9134, -44.4510 by changing the saturation by 10% instead.

■ 58.3166, 16.9134,
-44.4510

■ 58.3166, 16.9134,
-44.4510

178.9342, 18.6054,
-49.6794

■ 47.8549, 16.3588,
-43.7703

■ 81.2087, 17.7538,
-45.8478

■ 38.1056, 15.7000,
-43.1737

■ 93.5669, 18.0578,
-46.5179

■ 29.1264, 14.9217,
-42.7749

106.4953, 18.2932,
-47.1529

■ 20.9901, 14.0053,
-42.8241

119.9697, 18.4655,
-47.7472

■ 13.7952, 12.9307,
-43.9469

133.9688, 18.5791,
-48.2979

■ 7.4177, 13.0762,
-50.2762

148.4737, 18.6382,

0.0000, INF, -NF

-48.8037

0.0000, NaN, -NF

163.4673, 18.6459,
-49.2641

0.0000, NaN, -NF

■ 58.3166, 16.9134,
-44.4510

■ 58.3166, 16.9134,
-44.4510

■ 50.3762, 24.2339,
-61.9337

■ 66.7493, 10.3615,
-29.1773

■ 43.0627, 32.4904,
-82.1580

■ 75.5766, 4.4061,
-15.6090

■ 36.5808, 41.7110,
-105.3512

■ 84.7337, -1.0970,
-3.3349

■ 31.2195, 51.4467,
-130.5726

■ 94.1727, -6.2585,
7.9566

■ 27.3331, 60.2331,
-154.2427

■ 99.4164, -8.5425,
13.7831

■ 25.1757, 65.7503,
-170.2263

■ 24.7889, 66.8820,
-173.3612

Harmonies

Analogous

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



58.3177, -5.4037, -51.9124



58.3166, 16.9134, -44.4510



58.3177, 36.0342, -22.9545

Triad

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



58.3177, 16.9131, -44.4495



58.3177, 21.4885, 27.5653



58.3177, -39.1693, 5.3264

Complementary

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



58.3166, 16.9134, -44.4510



88.9486, -18.6047, 35.8081

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.



58.3177, -34.0626, 20.9688



58.3166, 16.9134, -44.4510



58.3177, -0.7900, 30.5080

Square

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



58.3177, 16.9131, -44.4495



58.3177, 38.9352, 18.3831



58.3177, -20.7585, 28.6298



58.3177, -35.8432, -17.7043

Rectangle

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



58.3166, 16.9134, -44.4510



58.3177, 43.2709, -6.6033



58.3177, -20.7585, 28.6298



58.3177, -38.4027, 11.5064

Sweetspot

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



58.3177, 16.9131, -44.4495



88.7209, 1.0114, -8.5370



83.5710, -26.4289, -5.2673



40.4152, 0.8446, -4.7886

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.3177, 16.9131, -44.4495



56.7725, 24.7035, -63.3875



62.4713, 29.5419, -36.3047



38.1966, 0.0313, -2.7302



18.4517, 49.6904, -128.3177



5.3082, 14.0286, -34.8494

Inverse Universe

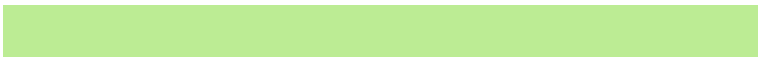
The Inverse Universe completely reimagines the original color for something new.



66.9203, 41.8811, -25.0121



68.4809, 56.5507, -34.0381



85.3056, -32.1431, 32.5287



39.1128, 3.0920, -1.1853



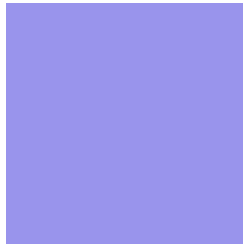
35.7225, 69.3811, -40.5220



10.0328, 19.5206, -11.6498

Previews

White Background



This preview shows how the HunterLab color 58.3166, 16.9134, -44.4510 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 58.3166, 16.9134, -44.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

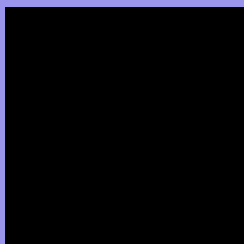
Any Text WCAG AA ✓ Pass

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 58.3166, 16.9134, -44.4510 Background



This preview shows how black text looks on a background with the HunterLab color 58.3166, 16.9134, -44.4510.



This preview shows how white text looks on a background with the HunterLab color 58.3166, 16.9134, -44.4510.

-44.4510.

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

58.3166, 16.9134, -44.4510

Protanopia

58.5569, 8.3395, -48.8276

Deuteranopia

58.5367, 4.5225, -42.6945



Tritanopia

58.3393, -7.1445, -4.8737

Trichromacy



Original Color

58.3166, 16.9134, -44.4510

Protanomaly

58.2941, 11.6177, -47.7226

Deuteranomaly

58.4617, 8.7781, -43.5334

Tritanomaly

58.0839, 1.2052, -18.1080

Monochromacy



Original Color

58.3166, 16.9134, -44.4510

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

58.8013, 2.9515, -11.6877

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3166, 16.9134, -44.4510 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(153, 148, 236)` looks like.

```
.text, #text, p{  
    color:rgb(153, 148, 236)  
}
```

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(153, 148, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 148, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3166, 16.9134, -44.4510 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(153, 148, 236) }
```


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

```
.border{ border-color:rgb(153, 148, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 148, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 148, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 148, 236);  
box-shadow:4px 4px 4px 4px rgb(153, 148,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3166, 16.9134, -44.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 148, 236) }
```

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

```
.background{ background-color: rgb(153,  
148, 236) }
```

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