

Converting Colors

HunterLab(62.2259, 18.2813,
-38.4091)

Have a look what the booklet for
HunterLab(62.2259, 18.2813,
-38.4091) contains.

HunterLab(62.2259, 18.2813, -38.4091)	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(62.2259, 18.2813,
-38.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9CEE
RGB	172, 156, 238
RGB Percent	67%, 61%, 93%
CMY	0.3255, 0.3882, 0.0667
CMYK	0.28, 0.34, 0.00, 0.07
HSL	252°, 71%, 77%
HSV	252°, 34%, 93%
XYZ	44.3343, 38.7206, 86.0261
YIQ	170.1320, -16.7860, 28.8940

Conversions

Conversions Part 2

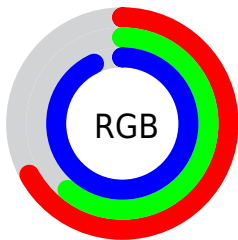
Format	Color
R_{YB}	172, 156, 238
Decimal	11312366
CIE _{Lab}	68.55, 23.33, -39.12
CIE _{LCh}	69, 45.549, 300.815
Yxy	38.7221, 0.2622, 0.2290
Android (android.graphics.Color)	4289502446 (0xFFAC9CEE)
YUV	170.1320, 33.4589, 1.6382
Hunter-Lab	62.2259, 18.2813, -38.4091

Details

The HunterLab color $62.2259, 18.2813, -38.4091$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $88.9268, -21.7364, 33.4445$, and the grayscale version is $63.3285, -3.3791, 3.4408$.

A 20% lighter version of the original color is $83.9444, 9.7230, -14.9252$, and $41.6318, 17.0390, -37.0755$ is the 20% darker color. If you saturate the color by 10%, you get $54.3031, 25.9997, -54.4016$, and if you desaturate by 10%, it is $70.5927, 11.0855, -24.2453$.

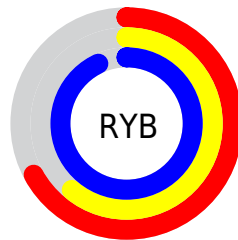
Distribution



Red (67%)

Green (61%)

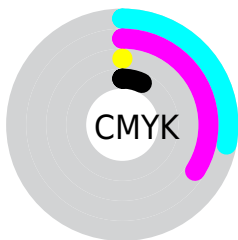
Blue (93%)



Red (67%)

Yellow (61%)

Blue (93%)

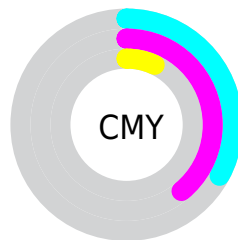


Cyan (28%)

Magenta (34%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (39%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.2259, 18.2813, -38.4091 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 62.2259, 18.2813, -38.4091 by changing the saturation by 10% instead.

62.2259, 18.2813,
-38.4091

62.2259, 18.2813,
-38.4091

184.5827, 20.1904,
-42.7213

51.5205, 17.7056,
-37.7427

85.5650, 19.1670,
-39.6735

41.5100, 17.0286,
-37.0938

98.1302, 19.4949,
-40.2494

32.2477, 16.2355,
-36.5235

111.2567, 19.7547,
-40.7799

23.8000, 15.3094,
-36.1648

124.9212, 19.9516,
-41.2631

16.2546, 14.2316,
-36.3362

139.1035, 20.0901,
-41.6984

9.7359, 12.9934,
-37.9634

153.7852, 20.1739,

0.0000, INF, -NF

-42.0860

0.0000, NaN, -NF

168.9499, 20.2063,
-42.4266

0.0000, NaN, -NF

■ 62.2259, 18.2813,
-38.4091

■ 62.2259, 18.2813,
-38.4091

■ 54.3031, 25.9997,
-54.4016

■ 70.5927, 11.0855,
-24.2453

■ 46.9323, 34.3279,
-72.6680

■ 79.3212, 4.3091,
-11.5095

■ 40.2755, 43.2393,
-93.5039

■ 88.3561, -2.1438,
0.1273

■ 34.5584, 52.3806,
-116.5663

■ 97.6556, -8.3503,
10.9179

■ 30.0700, 60.7141,
-139.9007

■ 99.4752, -8.2186,
12.9398

■ 27.0887, 66.3976,
-159.1916

■ 26.0081, 68.2742,
-167.1806

Harmonies

Analogous

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



62.2271, -2.7595, -47.2539



62.2259, 18.2813, -38.4091



62.2271, 35.1443, -17.9149

Triad

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



62.2271, 18.2806, -38.4075



62.2271, 17.1795, 28.1101



62.2271, -38.1642, 2.8491

Complementary

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



62.2259, 18.2813, -38.4091



88.9268, -21.7364, 33.4445

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.



62.2271, -34.2494, 19.0938



62.2259, 18.2813, -38.4091



62.2271, -3.8857, 30.5010

Square

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



62.2271, 18.2806, -38.4075



62.2271, 34.4527, 19.7544



62.2271, -22.3312, 27.8251



62.2271, -33.8016, -19.1553

Rectangle

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



62.2259, 18.2813, -38.4091



62.2271, 40.7736, -2.9283



62.2271, -22.3312, 27.8251



62.2271, -37.7780, 9.1031

Sweetspot

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



62.2271, 18.2806, -38.4075



90.0604, 1.5411, -6.7619



81.2401, -20.1761, -9.3276



41.0309, 1.1708, -3.9578

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.2271, 18.2806, -38.4075



61.4961, 25.2938, -52.8773



66.2973, 30.6711, -30.9508



39.2137, 0.4985, -2.6225



19.5342, 51.0827, -124.0401



5.9773, 15.0294, -33.2922

Inverse Universe

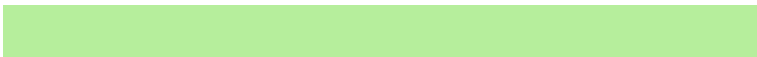
The Inverse Universe completely reimagines the original color for something new.



68.7236, 36.4433, -16.6364



70.1367, 48.1743, -22.1247



85.7271, -33.7114, 30.4805



39.9693, 2.9123, -0.5195



35.0314, 66.0753, -24.5172



10.1700, 19.2909, -7.9595

Previews

White Background



This preview shows how the HunterLab color 62.2259, 18.2813, -38.4091 looks on a white background.

Color Contrast Check

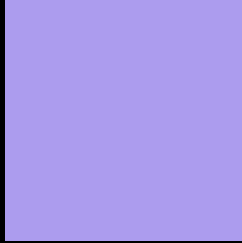
Large Text (above 18pt) WCAG AA × Fail

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 62.2259, 18.2813, -38.4091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

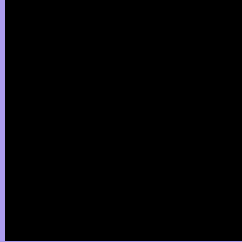
Any Text WCAG AA ✓ Pass

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 62.2259, 18.2813, -38.4091 Background



This preview shows how black text looks on a background with the HunterLab color 62.2259, 18.2813, -38.4091.



This preview shows how white text looks on a background with the HunterLab color 62.2259, 18.2813, -38.4091.

-38.4091.

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

62.2259, 18.2813, -38.4091

Protanopia

62.2946, 7.7254, -43.6987

Deuteranopia

62.2231, 5.1429, -37.1844



Tritanopia

62.3847, -3.1885, -3.1621

Trichromacy



Original Color

62.2259, 18.2813, -38.4091

Protanomaly

62.1095, 11.2119, -41.7230

Deuteranomaly

62.2313, 9.6813, -37.8178

Tritanomaly

62.3013, 4.0104, -14.7163

Monochromacy



Original Color

62.2259, 18.2813, -38.4091

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

62.8556, 3.8803, -9.9016

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.2259, 18.2813, -38.4091 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(172, 156, 238)` looks like.

```
.text, #text, p{  
    color:rgb(172, 156, 238)  
}
```

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(172, 156, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 156, 238) }
```

Border

The CSS property to change the border of an element to HunterLab 62.2259, 18.2813, -38.4091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

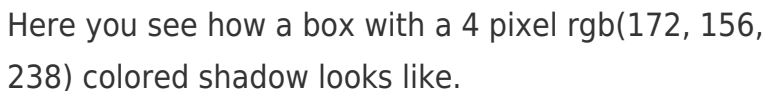
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 156, 238) }
```


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

```
.border{ border-color:rgb(172, 156, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 156, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 156, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 156, 238); box-shadow:4px 4px 4px 4px rgb(172, 156, 238) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.2259, 18.2813, -38.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 156, 238) }
```

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

```
.background{ background-color: rgb(172,  
156, 238) }
```

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