

Converting Colors

HunterLab(58.3258, 20.2706,
-37.9260)

Have a look what the booklet for
HunterLab(58.3258, 20.2706,
-37.9260) contains.

HunterLab(58.3201, 20.1438, -37.5924)	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(58.3201, 20.1438,
-37.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	A791E3
RGB	167, 145, 227
RGB Percent	65%, 57%, 89%
CMY	0.3451, 0.4314, 0.1098
CMYK	0.26, 0.36, 0.00, 0.11
HSL	256°, 59%, 73%
HSV	256°, 36%, 89%
XYZ	39.9269, 34.0123, 77.1337
YIQ	160.9260, -13.2100, 30.1660

Conversions

Conversions Part 2

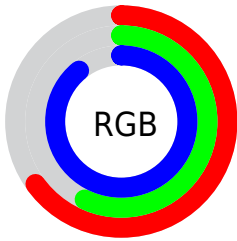
Format	Color
R_{YB}	167, 145, 227
Decimal	10981859
CIE _{Lab}	64.97, 25.45, -38.68
CIE _{LCh}	65, 46.300, 303.339
Yxy	34.0137, 0.2643, 0.2251
Android (android.graphics.Color)	4289171939 (0xFFA791E3)
YUV	160.9260, 32.5745, 5.3269
Hunter-Lab	58.3201, 20.1438, -37.5924

Details

The HunterLab color $58.3201, 20.1438, -37.5924$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $83.6435, -23.1182, 32.1466$, and the grayscale version is $59.5449, -3.1772, 3.2352$.

A 20% lighter version of the original color is $79.8466, 14.3077, -20.7993$, and $38.0216, 18.7343, -36.3232$ is the 20% darker color. If you saturate the color by 10%, you get $51.0501, 27.8400, -52.4595$, and if you desaturate by 10%, it is $66.0185, 12.8639, -24.3613$.

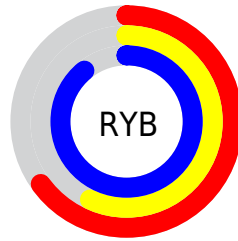
Distribution



Red (65%)

Green (57%)

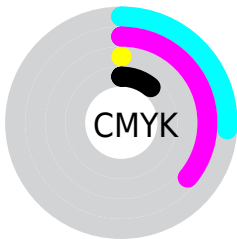
Blue (89%)



Red (65%)

Yellow (57%)

Blue (89%)

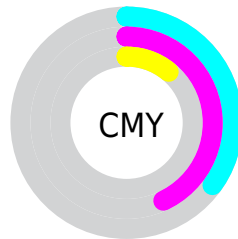


Cyan (26%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (43%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3201, 20.1438, -37.5924 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 58.3201, 20.1438, -37.5924 by changing the saturation by 10% instead.

■ 58.3201, 20.1438, -37.5924

■ 58.3201, 20.1438, -37.5924

178.9394, 22.9887, -41.9612

■ 47.8582, 19.4374, -36.9301

■ 81.2126, 21.2701, -38.8648

■ 38.1087, 18.6215, -36.2987

■ 93.5710, 21.7097, -39.4477

■ 29.1292, 17.6806, -35.7750

106.4996, 22.0763, -39.9857

■ 20.9926, 16.5983, -35.5317

119.9742, 22.3756, -40.4764

■ 13.7974, 15.3613, -36.0075

133.9735, 22.6125, -40.9189

■ 7.4202, 15.4547, -40.3952

148.4786, 22.7913,

0.0000, INF, -NF

-41.3133

0.0000, NaN, -NF

163.4723, 22.9157,
-41.6604

0.0000, NaN, NaN

■ 58.3201, 20.1438,
-37.5924

■ 58.3201, 20.1438,
-37.5924

■ 51.0501, 27.8400,
-52.4595

■ 66.0185, 12.8639,
-24.3613

■ 44.3114, 35.9785,
-69.3051

■ 74.0662, 5.9351,
-12.4321

■ 38.2547, 44.4423,
-88.2846

■ 82.4091, -0.7151,
-1.5181

■ 33.0832, 52.7769,
-108.9324

■ 91.0066, -7.1497,
8.6064

■ 29.0435, 59.9272,
-129.4119

■ 98.6912, -11.6149,
16.9502

■ 26.3490, 64.3075,
-146.1669

■ 99.1595, -9.9599,
17.4739

■ 25.5639, 65.4733,
-151.6522

Harmonies

Analogous

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



58.3212, -0.8034, -47.9677



58.3201, 20.1438, -37.5924



58.3212, 36.4129, -16.2586

Triad

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



58.3212, 20.1431, -37.5909



58.3212, 15.6265, 27.7094



58.3212, -37.4497, 0.9501

Complementary

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



58.3201, 20.1438, -37.5924



83.6435, -23.1182, 32.1466

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.



58.3212, -34.2990, 17.6055



58.3201, 20.1438, -37.5924



58.3212, -5.3911, 29.5555

Square

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



58.3212, 20.1431, -37.5909



58.3212, 33.5628, 20.2375



58.3212, -23.2174, 26.5992



58.3212, -32.5011, -21.3931

Rectangle

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



58.3201, 20.1438, -37.5924



58.3212, 41.3767, -1.3394



58.3212, -23.2174, 26.5992



58.3212, -37.2999, 7.3544

Sweetspot

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



58.3212, 20.1431, -37.5909



89.2770, 2.9040, -7.7673



74.3594, -16.3298, -12.4117



40.7038, 1.8235, -4.3831

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.3212, 20.1431, -37.5909



60.5518, 29.2138, -54.8132



62.6008, 32.9229, -29.6793



37.5143, 0.6970, -2.3872



19.6474, 50.1089, -114.9159



5.7434, 13.9972, -28.5478

Inverse Universe

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



64.0239, 35.2333, -13.4196



68.6192, 49.2333, -18.7645



80.5543, -34.7882, 29.3106



38.1389, 2.6250, -0.1347



33.3951, 62.0653, -16.2122



9.1618, 17.1695, -5.5503

Previews

White Background



This preview shows how the HunterLab color 58.3201, 20.1438, -37.5924 looks on a white background.

Color Contrast Check

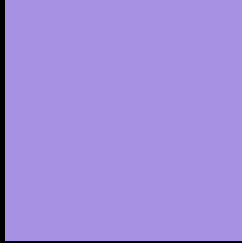
Large Text (above 18pt) WCAG AA × Fail

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 58.3201, 20.1438, -37.5924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

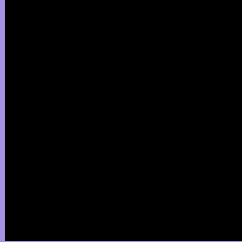
Any Text WCAG AA ✓ Pass

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 58.3201, 20.1438, -37.5924 Background



This preview shows how black text looks on a background with the HunterLab color 58.3201, 20.1438, -37.5924.



This preview shows how white text looks on a background with the HunterLab color 58.3201, 20.1438, -37.5924.

-37.5924.

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

58.3201, 20.1438, -37.5924

Protanopia

58.4694, 7.3462, -43.5432

Deuteranopia

58.4805, 4.9533, -36.0980



Tritanopia

58.3493, -1.3771, -2.2108

Trichromacy



Original Color

58.3201, 20.1438, -37.5924

Protanomaly

58.1370, 11.7393, -41.8288

Deuteranomaly

58.2814, 10.2037, -37.1053

Tritanomaly

58.2870, 5.7424, -13.5368

Monochromacy



Original Color

58.3201, 20.1438, -37.5924

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

58.9339, 4.6389, -9.7803

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3201, 20.1438, -37.5924 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(167, 145, 227)` looks like.

```
.text, #text, p{  
    color:rgb(167, 145, 227)  
}
```

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(167, 145, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 145, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3201, 20.1438, -37.5924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

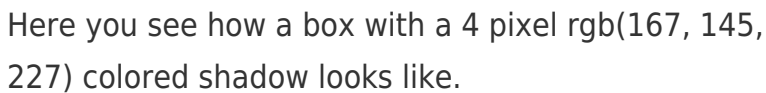
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 145, 227) }
```


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

```
.border{ border-color:rgb(167, 145, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 145, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 145, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 145, 227); box-shadow:4px 4px 4px 4px rgb(167, 145, 227) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3201, 20.1438, -37.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 145, 227) }
```

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

```
.background{ background-color: rgb(167,  
145, 227) }
```

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