

Converting Colors

HunterLab(62.7840, -1.8207,
-50.6873)

Have a look what the booklet for
HunterLab(62.7840, -1.8207,
-50.6873) contains.

| | |
|--|----|
| HunterLab(62.7517, -1.8702, -50.7542) | 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(62.7517, -1.8702,
-50.7542)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 63ACFF |
| RGB | 99, 172, 255 |
| RGB Percent | 39%, 67%, 100% |
| CMY | 0.6117, 0.3255, 0.0000 |
| CMYK | 0.61, 0.33, 0.00, 0.00 |
| HSL | 212°, 100%, 69% |
| HSV | 212°, 61%, 100% |
| XYZ | 37.9482, 39.3778, 100.2084 |
| YIQ | 159.6350, -70.1510, 10.3370 |

Conversions

Conversions Part 2

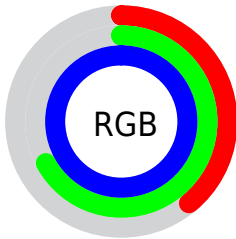
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 99, 149, 255 |
| Decimal | 6532351 |
| CIE Lab | 69.02, 1.69, -47.95 |
| CIE LCh | 69, 47.976, 272.021 |
| Yxy | 39.3790, 0.2138, 0.2218 |
| Android (android.graphics.Color) | 4284722431 (0xFF63ACFF) |
| YUV | 159.6350, 47.0149, -53.1769 |
| Hunter-Lab | 62.7517, -1.8702, -50.7542 |

Details

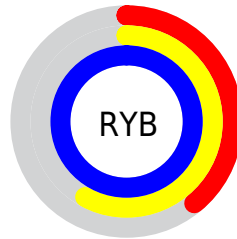
The HunterLab color **62.7517, -1.8702, -50.7542** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **74.5785, 13.6256, 36.8072**, and the grayscale version is **58.9771, -3.1469, 3.2043**.

A 20% lighter version of the original color is **83.5076, -17.4227, -16.0190**, and **41.9301, -0.8048, -49.7226** is the 20% darker color. If you saturate the color by 10%, you get **57.6703, 1.6434, -61.6999**, and if you desaturate by 10%, it is **68.1762, -4.3574, -40.3428**.

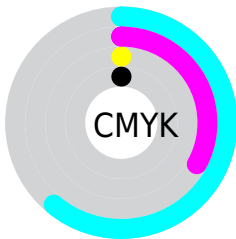
Distribution



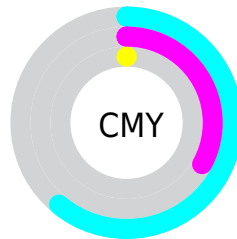
- Red (39%)
- Green (67%)
- Blue (100%)



- Red (39%)
- Yellow (58%)
- Blue (100%)



- Cyan (61%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.7517, -1.8702, -50.7542 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 62.7517, -1.8702, -50.7542 by changing the saturation by 10% instead.

■ 62.7517, -1.8702,
-50.7542

■ 62.7517, -1.8702,
-50.7542

■ 185.3373, -7.7783,
-56.4837

■ 52.0142, -1.3855,
-50.0579

■ 86.1493, -2.9560,
-52.2188

■ 41.9694, -0.9441,
-49.4627

■ 98.7418, -3.5526,
-52.9370

■ 32.6702, -0.5500,
-49.0822

■ 111.8943, -4.1823,
-53.6267

■ 24.1820, -0.2090,
-49.1533

■ 125.5839, -4.8436,
-54.2808

■ 16.5913, 0.0711,
-50.2262

■ 139.7903, -5.5350,
-54.8953

■ 10.0201, 0.2776,
-53.8600

154.4953, -6.2552,

0.0000, NaN, -NF

-55.4679

0.0000, NaN, -NF

169.6826, -7.0033,
-55.9975

0.0000, NaN, -NF

■ 62.7517, -1.8702,
-50.7542

■ 62.7517, -1.8702,
-50.7542

■ 57.6703, 1.6434,
-61.6999

■ 68.1762, -4.3574,
-40.3428

■ 52.9705, 6.2875,
-73.1445

■ 73.9020, -5.9413,
-30.4677

■ 48.6924, 12.1125,
-84.9825

■ 79.8958, -6.7425,
-21.0943

■ 45.2666, 18.1251,
-95.7063

■ 86.1278, -6.8706,
-12.1763

■ 92.5730, -6.4213,
-3.6626

99.2098, -5.4759,
4.4970

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



62.7527, -21.7873, -42.8400



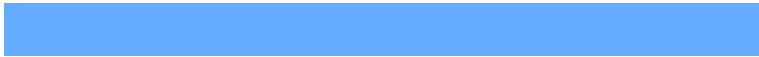
62.7517, -1.8702, -50.7542



62.7527, 20.3929, -40.5297

Triad

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



62.7527, -1.8700, -50.7521



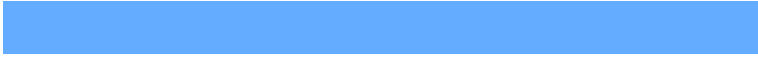
62.7527, 36.1786, 21.0576



62.7527, -36.1723, 19.3573

Complementary

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



62.7517, -1.8702, -50.7542



74.5785, 13.6256, 36.8072

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.



62.7527, -24.0185, 28.6467



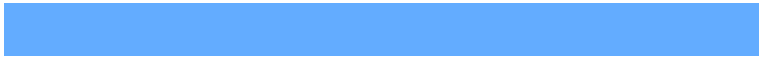
62.7517, -1.8702, -50.7542



62.7527, 17.4933, 29.3675

Square

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



62.7527, -1.8700, -50.7521



62.7527, 44.1392, 4.8026



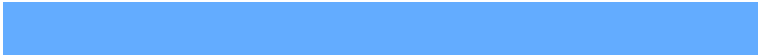
62.7527, -4.8197, 31.5820



62.7527, -39.9091, 1.9966

Rectangle

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



62.7517, -1.8702, -50.7542



62.7527, 33.1239, -26.3202



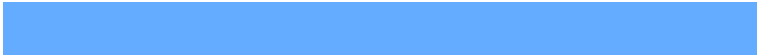
62.7527, -4.8197, 31.5820



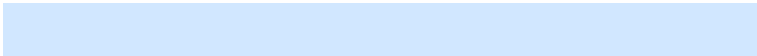
62.7527, -33.0256, 23.2933

Sweetspot

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



62.7527, -1.8700, -50.7521



88.1509, -6.7865, -9.4334



88.0070, -54.4162, 24.3289



39.9239, -3.1764, -5.5273

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.7527, -1.8700, -50.7521



56.7819, 2.4049, -63.7558



43.5285, 38.4329, -101.3701



43.3349, -2.9128, -1.0538



33.1656, 12.1694, -67.7244



11.3461, 1.8285, -18.1289

Inverse Universe

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



57.5882, 63.9620, -3.5790



52.8172, 74.3720, -1.4372



96.5356, -24.1514, 51.8107



42.5776, 2.4736, 1.2169



34.4069, 61.0433, 5.7964



10.8374, 19.4164, 0.3599

Previews

White Background



This preview shows how the HunterLab color 62.7517, -1.8702, -50.7542 looks on a white background.

Color Contrast Check

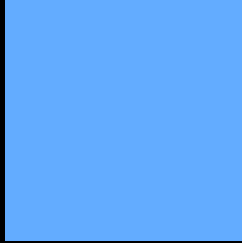
Large Text (above 18pt) WCAG AA × Fail

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 62.7517, -1.8702, -50.7542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

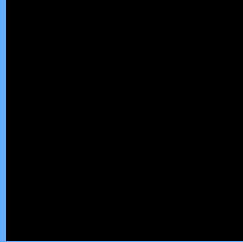
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

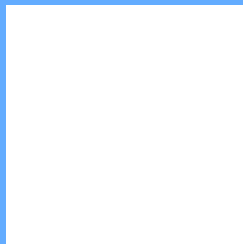
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.7517, -1.8702, -50.7542 Background



This preview shows how black text looks on a background with the HunterLab color 62.7517, -1.8702, -50.7542.



This preview shows how white text looks on a background with the HunterLab color 62.7517, -1.8702, -50.7542.

-50.7542.

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

62.7517, -1.8702, -50.7542

Protanopia

62.6409, 7.7853, -46.0930

Deuteranopia

62.6238, 5.3522, -50.8891



Tritanopia

62.7072, -24.9128, -12.3109

Trichromacy



Original Color

62.7517, -1.8702, -50.7542

Protanomaly

62.6541, 3.5377, -47.6973

Deuteranomaly

62.6968, 2.5687, -50.7884

Tritanomaly

62.5688, -17.1027, -25.2507

Monochromacy



Original Color

62.7517, -1.8702, -50.7542

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

59.9119, -4.7178, -14.2590

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.7517, -1.8702, -50.7542 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(99, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 172, 255)  
}
```

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(99, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 172, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 62.7517, -1.8702, -50.7542 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(99, 172, 255) }
```


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

```
.border{ border-color:rgb(99, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 172,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.7517, -1.8702, -50.7542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 172, 255) }
```

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

```
.background{ background-color: rgb(99, 172,  
255) }
```

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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