

Converting Colors

HunterLab(51.7284, 13.5849,
-50.8377)

Have a look what the booklet for
HunterLab(51.7284, 13.5849,
-50.8377) contains.

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Color

**HunterLab(51.8335, 13.5496,
-50.9508)**

Conversions

Conversions Part 1

Format	Color
Hex	7887E3
RGB	120, 135, 227
RGB Percent	47%, 53%, 89%
CMY	0.5294, 0.4706, 0.1098
CMYK	0.47, 0.41, 0.00, 0.11
HSL	232°, 66%, 68%
HSV	232°, 47%, 89%
XYZ	30.2749, 26.8671, 76.2634
YIQ	141.0030, -38.4720, 25.4320

Conversions

Conversions Part 2

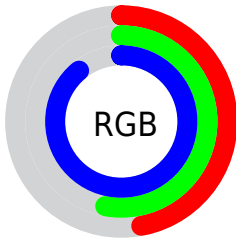
Format	Color
RYB	120, 133, 227
Decimal	7899107
CIELab	58.85, 18.84, -48.56
CIElCh	59, 52.086, 291.199
Yxy	26.8681, 0.2269, 0.2014
Android (android.graphics.Color)	4286089187 (0xFF7887E3)
YUV	141.0030, 42.3965, -18.4196
Hunter-Lab	51.8335, 13.5496, -50.9508

Details

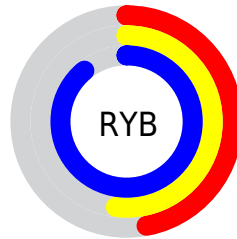
The HunterLab color **51.8335, 13.5496, -50.9508** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **80.4836, -10.8502, 36.3124**, and the grayscale version is **51.4590, -2.7457, 2.7959**.

A 20% lighter version of the original color is **72.4800, 6.5539, -32.6143**, and **32.5883, 12.3424, -49.7997** is the 20% darker color. If you saturate the color by 10%, you get **45.2508, 19.4818, -66.9965**, and if you desaturate by 10%, it is **58.8582, 8.5525, -36.7891**.

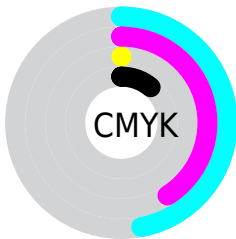
Distribution



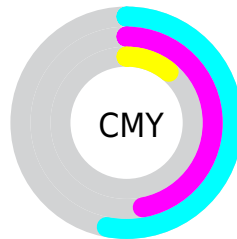
- Red (47%)
- Green (53%)
- Blue (89%)



- Red (47%)
- Yellow (52%)
- Blue (89%)



- Cyan (47%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8335, 13.5496, -50.9508 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 51.8335, 13.5496, -50.9508 by changing the saturation by 10% instead.

■ 51.8335, 13.5496,
-50.9508

■ 51.8335, 13.5496,
-50.9508

169.4160, 14.4193,
-56.9600

■ 41.8021, 13.0910,
-50.3663

■ 73.9406, 14.1994,
-52.3741

■ 32.5163, 12.5260,
-50.0125

■ 85.9366, 14.4090,
-53.1148

■ 24.0428, 11.8373,
-50.1375

■ 98.5192, 14.5512,
-53.8412

■ 16.4685, 11.0026,
-51.3209

111.6622, 14.6317,
-54.5408

■ 9.9164, 9.9968,
-55.2129

125.3427, 14.6551,
-55.2060

0.0000, INF, -NF

0.0000, NaN, -NF

139.5403, 14.6253,

-55.8324

0.0000, NaN, -NF

154.2369, 14.5457,
-56.4174

0.0000, NaN, NaN

■ 51.8335, 13.5496,
-50.9508

■ 51.8335, 13.5496,
-50.9508

■ 45.2508, 19.4818,
-66.9965

■ 58.8582, 8.5525,
-36.7891

■ 39.2244, 26.5398,
-85.2163

■ 66.2390, 4.2970,
-24.1583

■ 33.9181, 34.8027,
-105.5269

■ 73.9172, 0.6215,
-12.7342

■ 29.5458, 43.9760,
-126.8598

■ 81.8491, -2.6004,
-2.2540

■ 26.3380, 52.9998,
-146.4401

■ 90.0017, -5.4657,
7.4880

■ 25.6307, 55.2712,
-151.3508

■ 98.2331, -8.4575,
16.5194

■ 99.1595, -9.9599,
17.4738

Harmonies

Analogous

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



51.8344, -9.1252, -55.3100



51.8335, 13.5496, -50.9508



51.8344, 34.7756, -29.5281

Triad

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



51.8344, 13.5498, -50.9494



51.8344, 26.7106, 25.5066



51.8344, -38.5007, 8.6454

Complementary

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



51.8335, 13.5496, -50.9508



80.4836, -10.8502, 36.3124

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.



51.8344, -31.9604, 22.3301



51.8335, 13.5496, -50.9508



51.8344, 3.9101, 29.0143

Square

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



51.8344, 13.5498, -50.9494



51.8344, 43.2173, 15.4384



51.8344, -17.2886, 28.1647



51.8344, -36.8008, -14.0720

Rectangle

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



51.8335, 13.5496, -50.9508



51.8344, 44.0261, -12.0078



51.8344, -17.2886, 28.1647



51.8344, -37.2397, 14.2541

Sweetspot

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



51.8344, 13.5498, -50.9494



87.0640, -0.4592, -10.7868



79.7702, -34.4995, 2.7681



39.3788, 0.1709, -6.2209

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.8344, 13.5498, -50.9494



51.4626, 22.3997, -76.8944



51.1801, 31.0235, -52.1093



37.6979, -0.8888, -2.1775



19.8257, 41.2426, -113.8113



6.2785, 8.2068, -25.5638

Inverse Universe

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



56.1378, 37.7512, 11.0432



58.2656, 53.6916, 15.3443



81.9661, -30.2350, 37.1233



37.9483, 1.6016, 2.5800



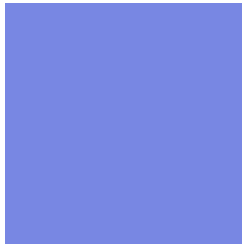
30.9750, 53.2725, 18.2567



8.4822, 14.7107, 4.0494

Previews

White Background



This preview shows how the HunterLab color 51.8335, 13.5496, -50.9508 looks on a white background.

Color Contrast Check

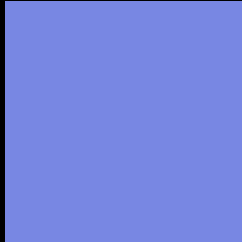
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8335, 13.5496, -50.9508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

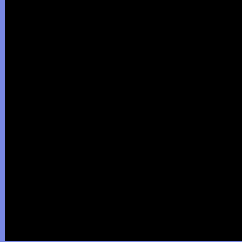
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 51.8335, 13.5496, -50.9508 Background



This preview shows how black text looks on a background with the HunterLab color 51.8335, 13.5496, -50.9508.



This preview shows how white text looks on a background with the HunterLab color 51.8335, 13.5496, -50.9508.

-50.9508.

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

51.8335, 13.5496, -50.9508

Protanopia

51.8588, 9.7445, -53.4647

Deuteranopia

51.8343, 4.9088, -50.2749



Tritanopia

51.8023, -12.9608, -6.8985

Trichromacy



Original Color

51.8335, 13.5496, -50.9508

Protanomaly

51.8300, 10.9593, -52.6690

Deuteranomaly

51.8071, 7.7182, -50.2855

Tritanomaly

51.6115, -4.1523, -20.9975

Monochromacy



Original Color

51.8335, 13.5496, -50.9508

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

51.4104, 1.5269, -13.3061

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8335, 13.5496, -50.9508 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(120, 135, 227)` looks like.

```
.text, #text, p{  
    color:rgb(120, 135, 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(120, 135, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 135, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8335, 13.5496, -50.9508 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(120, 135, 227) }
```


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

```
.border{ border-color:rgb(120, 135, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 135, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 135, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 135, 227);  
box-shadow:4px 4px 4px 4px rgb(120, 135,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8335, 13.5496, -50.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 135, 227) }
```

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

```
.background{ background-color: rgb(120,  
135, 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](#).

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