

Converting Colors

HunterLab(52.7912, -14.3318,
-16.7599)

Have a look what the booklet for
HunterLab(52.7912, -14.3318,
-16.7599) contains.

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Color

**HunterLab(52.7486,
-14.3432, -16.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	5099B5
RGB	80, 153, 181
RGB Percent	31%, 60%, 71%
CMY	0.6863, 0.4000, 0.2902
CMYK	0.56, 0.15, 0.00, 0.29
HSL	197°, 41%, 51%
HSV	197°, 56%, 71%
XYZ	23.0400, 27.8241, 47.8723
YIQ	134.3650, -52.4960, -6.7680

Conversions

Conversions Part 2

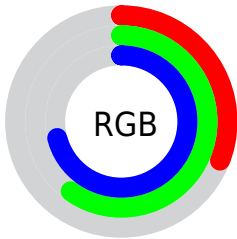
Format	Color
RYB	80, 122, 181
Decimal	5282229
CIELab	59.73, -14.66, -21.51
CIElCh	60, 26.032, 235.721
Yxy	27.8252, 0.2334, 0.2818
Android (android.graphics.Color)	4283472309 (0xFF5099B5)
YUV	134.3650, 22.9911, -47.6781
Hunter-Lab	52.7486, -14.3432, -16.8850

Details

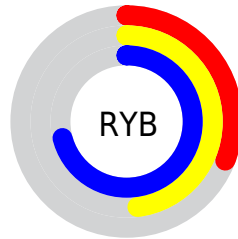
The HunterLab color $52.7486, -14.3432, -16.8850$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $45.9664, 20.0091, 18.8840$, and the grayscale version is $48.8984, -2.6091, 2.6567$.

A 20% lighter version of the original color is $74.8722, -16.7930, -17.6044$, and $33.3166, -11.5703, -16.0160$ is the 20% darker color. If you saturate the color by 10%, you get $50.5295, -14.5646, -20.4149$, and if you desaturate by 10%, it is $55.1356, -13.5457, -13.2734$.

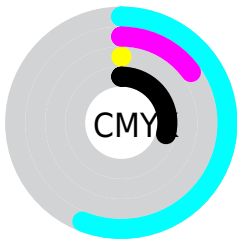
Distribution



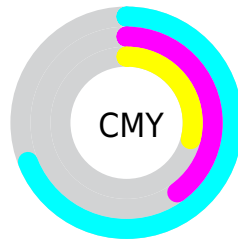
- Red (31%)
- Green (60%)
- Blue (71%)



- Red (31%)
- Yellow (48%)
- Blue (71%)



- Cyan (56%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.7486, -14.3432, -16.8850 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 52.7486, -14.3432, -16.8850 by changing the saturation by 10% instead.

■ 52.7486, -14.3432,
-16.8850

■ 52.7486, -14.3432,
-16.8850

170.7720,
-26.5974, -17.5235

■ 42.6543, -12.9419,
-16.5225

■ 74.9701, -17.0868,
-17.4152

■ 33.3006, -11.5052,
-16.0987

■ 87.0188, -18.4435,
-17.5888

■ 24.7526, -10.0135,
-15.6239

■ 99.6517, -19.7965,
-17.7049

■ 17.0951, -8.4330,
-15.1365

■ 112.8428,
-21.1491, -17.7667

■ 10.4468, -6.9033,
-14.7673

126.5695,
-22.5037, -17.7769

0.0000, NaN, -NF

0.0000, NaN, -NF

140.8116,

-23.8624, -17.7382

0.0000, NaN, NaN

155.5512,
-25.2265, -17.6530

0.0000, NaN, NaN

■ 52.7486, -14.3432,
-16.8850

■ 52.7486, -14.3432,
-16.8850

■ 50.5295, -14.5646,
-20.4149

■ 55.1356, -13.5457,
-13.2734

■ 48.4792, -14.1871,
-23.8410

■ 57.6812, -12.2067,
-9.6067

■ 46.5986, -13.2089,
-27.1404

■ 60.3785, -10.3678,
-5.9051

■ 44.8793, -11.6643,
-30.3037

■ 63.2188, -8.0734,
-2.1859

■ 44.1829, -10.9299,
-31.6302

■ 66.1936, -5.3677,
1.5370

■ 69.2941, -2.2927,
5.2534

■ 72.5121, 1.1125,
8.9559

■ 75.8397, 4.8123,
12.6395

■ 79.2696, 8.7751,
16.3012

Harmonies

Analogous

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



52.7496, -20.7547, -6.7552



52.7486, -14.3432, -16.8850



52.7496, -4.4055, -21.7461

Triad

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



52.7496, -14.3433, -16.8841



52.7496, 20.2776, 1.3289



52.7496, -11.7919, 18.1227

Complementary

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



52.7486, -14.3432, -16.8850



45.9664, 20.0091, 18.8840

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.



52.7496, -1.2103, 19.4121



52.7486, -14.3432, -16.8850



52.7496, 17.8918, 10.9681

Square

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



52.7496, -14.3433, -16.8841



52.7496, 16.0666, -9.9370



52.7496, 9.7918, 17.0812



52.7496, -19.3696, 13.1032

Rectangle

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



52.7486, -14.3432, -16.8850



52.7496, 3.1104, -20.7385



52.7496, 9.7918, 17.0812



52.7496, -8.4945, 18.9555

Sweetspot

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



52.7496, -14.3433, -16.8841



84.0274, -11.2968, -3.6654



59.8449, -37.6672, 22.4528



38.7132, -5.5458, -2.1589



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



52.7496, -14.3433, -16.8841



66.9648, -19.4461, -28.3983



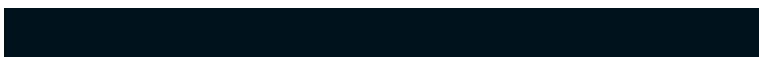
38.5440, 9.2225, -43.3346



30.3731, -2.9669, 0.1070



36.8488, -9.3158, -25.9477



7.2047, -2.5923, -3.4093

Inverse Universe

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



42.2634, 42.9260, -15.4857



51.6946, 69.1274, -23.4849



58.8767, -4.0921, 28.5642



29.3355, 1.8895, -0.0175



28.1263, 52.2150, -13.2043



5.0812, 9.5891, -3.5963

Previews

White Background



This preview shows how the HunterLab color 52.7486, -14.3432, -16.8850 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 52.7486, -14.3432, -16.8850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

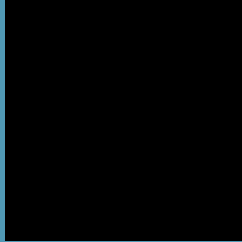
Any Text WCAG AA ✓ Pass

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 52.7486, -14.3432, -16.8850 Background



This preview shows how black text looks on a background with the HunterLab color 52.7486, -14.3432, -16.8850.



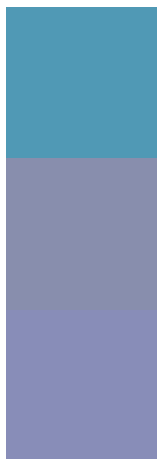
This preview shows how white text looks on a background with the HunterLab color 52.7486, -14.3432, -16.8850.

-14.3432, -16.8850.

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

52.7486, -14.3432, -16.8850

Protanopia

52.5332, 1.0633, -12.2308

Deuteranopia

52.6732, 3.8269, -18.5199



Tritanopia

52.6932, -18.7344, -9.5424

Trichromacy



Original Color

52.7486, -14.3432, -16.8850

Protanomaly

52.3501, -5.2857, -14.3540

Deuteranomaly

52.3285, -3.3111, -18.5731

Tritanomaly

52.6366, -16.9690, -12.3952

Monochromacy



Original Color

52.7486, -14.3432, -16.8850

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.8613, -8.3191, -4.2359

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.7486, -14.3432, -16.8850 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(80, 153, 181)` looks like.

```
.text, #text, p{  
    color:rgb(80, 153, 181)  
}
```

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(80, 153, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 153, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 52.7486, -14.3432, -16.8850 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(80, 153, 181) }
```


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

```
.border{ border-color:rgb(80, 153, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 153, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 153, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 153, 181);  
box-shadow:4px 4px 4px 4px rgb(80, 153,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.7486, -14.3432, -16.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 153, 181) }
```

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

```
.background{ background-color: rgb(80, 153,  
181) }
```

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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