

Converting Colors

HunterLab(49.1392, -3.0114,
-43.2756)

Have a look what the booklet for
HunterLab(49.1392, -3.0114,
-43.2756) contains.

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Color

HunterLab(49.1350, -2.9682,
-43.3495)

Conversions

Conversions Part 1

Format	Color
Hex	3E8BD2
RGB	62, 139, 210
RGB Percent	24%, 55%, 82%
CMY	0.7568, 0.4549, 0.1765
CMYK	0.70, 0.34, 0.00, 0.18
HSL	209°, 62%, 53%
HSV	209°, 70%, 82%
XYZ	22.8521, 24.1425, 64.4283
YIQ	124.0710, -68.6830, 5.7570

Conversions

Conversions Part 2

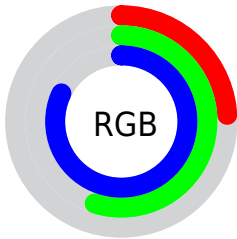
Format	Color
R _Y B	62, 113, 210
Decimal	4099026
CIE Lab	56.23, -0.43, -43.37
CIE LCh	56, 43.373, 269.435
Yxy	24.1433, 0.2051, 0.2167
Android (android.graphics.Color)	4282289106 (0xFF3E8BD2)
YUV	124.0710, 42.3630, -54.4363
Hunter-Lab	49.1350, -2.9682, -43.3495

Details

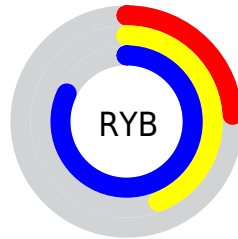
The HunterLab color **49.1350, -2.9682, -43.3495** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **55.5221, 18.0499, 29.6603**, and the grayscale version is **44.7833, -2.3895, 2.4332**.

A 20% lighter version of the original color is **70.2530, -7.3260, -36.6828**, and **30.8404, 0.9489, -40.5963** is the 20% darker color. If you saturate the color by 10%, you get **45.6136, -0.0378, -51.1488**, and if you desaturate by 10%, it is **52.9260, -5.0651, -35.7807**.

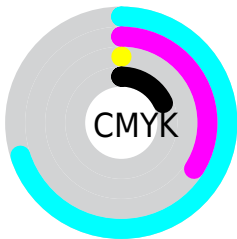
Distribution



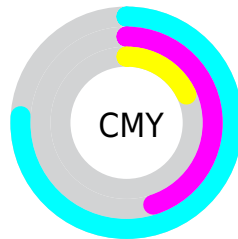
- Red (24%)
- Green (55%)
- Blue (82%)



- Red (24%)
- Yellow (44%)
- Blue (82%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (76%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1350, -2.9682, -43.3495 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 49.1350, -2.9682, -43.3495 by changing the saturation by 10% instead.

■ 49.1350, -2.9682,
-43.3495

■ 49.1350, -2.9682,
-43.3495

■ 165.3917, -9.3486,
-48.7644

■ 39.2937, -2.4173,
-42.7330

■ 70.8970, -4.1747,
-44.7330

■ 30.2138, -1.9055,
-42.2893

■ 82.7345, -4.8275,
-45.4214

■ 21.9664, -1.4355,
-42.2370

■ 95.1661, -5.5110,
-46.0818

■ 14.6461, -1.0112,
-43.1144

■ 108.1645, -6.2240,
-46.7054

■ 8.3055, -0.6681,
-47.1725

■ 121.7062, -6.9652,
-47.2874

0.0000, NaN, -NF

0.0000, NaN, -NF

135.7701, -7.7336,

-47.8251

0.0000, NaN, -NF

150.3376, -8.5284,
-48.3176

0.0000, NaN, NaN

■ 49.1350, -2.9682,
-43.3495

■ 49.1350, -2.9682,
-43.3495

■ 45.6136, -0.0378,
-51.1488

■ 52.9260, -5.0651,
-35.7807

■ 42.3797, 3.7595,
-59.1227

■ 56.9606, -6.3985,
-28.4799

■ 39.5530, 8.0823,
-66.8852

■ 61.2160, -7.0487,
-21.4573

■ 65.6704, -7.0975,
-14.7077

■ 70.3042, -6.6210,
-8.2157

■ 75.1001, -5.6871,
-1.9603

■ 80.0432, -4.3553,
4.0816

■ 85.1203, -2.6764,
9.9333

■ 90.3201, -0.6936,
15.6172

Harmonies

Analogous

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



49.1358, -19.1160, -35.2766



49.1350, -2.9682, -43.3495



49.1358, 15.6963, -35.8306

Triad

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



49.1358, -2.9677, -43.3484



49.1358, 31.5492, 16.3334



49.1358, -29.1692, 16.7197

Complementary

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



49.1350, -2.9682, -43.3495



55.5221, 18.0499, 29.6603

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.



49.1358, -18.6007, 23.6692



49.1350, -2.9682, -43.3495



49.1358, 16.3775, 23.5097

Square

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



49.1358, -2.9677, -43.3484



49.1358, 37.2930, 2.3465



49.1358, -2.2802, 25.6138



49.1358, -32.8354, 3.0005

Rectangle

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



49.1350, -2.9682, -43.3495



49.1358, 26.7426, -24.1288



49.1358, -2.2802, 25.6138



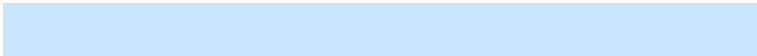
49.1358, -26.3893, 19.7148

Sweetspot

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



49.1358, -2.9677, -43.3484



87.1263, -8.3137, -10.8399



69.8274, -47.7185, 23.9378



39.5552, -3.9453, -6.0483

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1358, -2.9677, -43.3484



54.5659, 2.4101, -69.1329



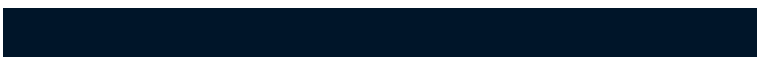
31.1209, 35.1524, -96.3713



35.2429, -2.5927, -0.6090



31.2176, 5.6899, -51.3021



8.3868, -0.4362, -9.5412

Inverse Universe

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



43.6029, 58.6335, -5.3203



49.8970, 82.7062, -2.6024



75.9899, -17.1867, 42.9668



34.5101, 1.9961, 0.7887



30.0916, 53.8499, 1.4828



7.2270, 13.1373, -1.2277

Previews

White Background



This preview shows how the HunterLab color 49.1350, -2.9682, -43.3495 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 49.1350, -2.9682, -43.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

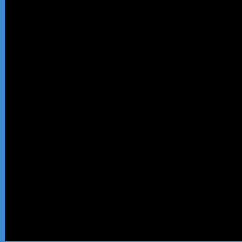
Any Text WCAG AA ✓ Pass

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 49.1350, -2.9682, -43.3495 Background



This preview shows how black text looks on a background with the HunterLab color 49.1350, -2.9682, -43.3495.



This preview shows how white text looks on a background with the HunterLab color 49.1350, -2.9682, -43.3495.

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

49.1350, -2.9682, -43.3495

Protanopia

49.1054, 6.6029, -38.6009

Deuteranopia

49.0190, 4.1480, -44.2630



Tritanopia

49.1714, -22.9064, -10.7587

Trichromacy



Original Color

49.1350, -2.9682, -43.3495

Protanomaly

49.0505, 2.2943, -40.3174

Deuteranomaly

49.0518, 1.3332, -44.2423

Tritanomaly

48.8148, -16.3537, -22.0066

Monochromacy



Original Color

49.1350, -2.9682, -43.3495

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.6440, -5.0518, -12.2442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1350, -2.9682, -43.3495 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(62, 139, 210)` looks like.

```
.text, #text, p{  
    color:rgb(62, 139, 210)  
}
```

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(62, 139, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 139, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1350, -2.9682, -43.3495 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(62, 139, 210) }
```


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

```
.border{ border-color:rgb(62, 139, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 139, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 139, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 139, 210);  
box-shadow:4px 4px 4px 4px rgb(62, 139,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1350, -2.9682, -43.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 139, 210) }
```

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

```
.background{ background-color: rgb(62, 139,  
210) }
```

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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