

Converting Colors

HunterLab(59.0742, -9.4439,
-41.1370)

Have a look what the booklet for
HunterLab(59.0742, -9.4439,
-41.1370) contains.

HunterLab(59.0108, -9.3391, -41.2569)	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(59.0108, -9.3391,
-41.2569)**

Conversions

Conversions Part 1

Format	Color
Hex	46A7E9
RGB	70, 167, 233
RGB Percent	27%, 65%, 91%
CMY	0.7254, 0.3451, 0.0863
CMYK	0.70, 0.28, 0.00, 0.09
HSL	204°, 79%, 59%
HSV	204°, 70%, 91%
XYZ	31.0525, 34.8227, 82.1757
YIQ	145.5210, -78.9980, -0.0380

Conversions

Conversions Part 2

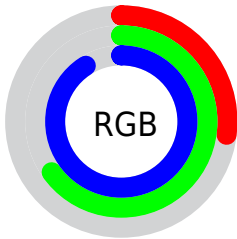
Format	Color
RYB	70, 131, 233
Decimal	4630505
CIELab	65.61, -7.40, -41.38
CIELCh	66, 42.040, 259.861
Yxy	34.8239, 0.2097, 0.2352
Android (android.graphics.Color)	4282820585 (0xFF46A7E9)
YUV	145.5210, 43.1271, -66.2319
Hunter-Lab	59.0108, -9.3391, -41.2569

Details

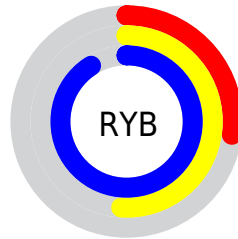
The HunterLab color **59.0108, -9.3391, -41.2569** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **59.4787, 26.5069, 31.3368**, and the grayscale version is **53.2778, -2.8428, 2.8947**.

A 20% lighter version of the original color is **80.4343, -20.2027, -20.5280**, and **39.2884, -4.8458, -38.6463** is the 20% darker color. If you saturate the color by 10%, you get **55.4861, -6.9588, -48.3082**, and if you desaturate by 10%, it is **62.8084, -10.8292, -34.2604**.

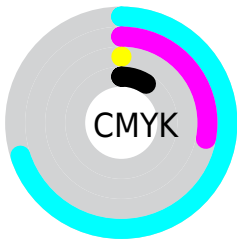
Distribution



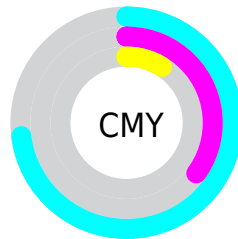
- Red (27%)
- Green (65%)
- Blue (91%)



- Red (27%)
- Yellow (51%)
- Blue (91%)



- Cyan (70%)
- Magenta (28%)
- Yellow (0%)
- Black (9%)



- Cyan (73%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.0108, -9.3391, -41.2569 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 59.0108, -9.3391, -41.2569 by changing the saturation by 10% instead.

■ 59.0108, -9.3391,
-41.2569

■ 59.0108, -9.3391,
-41.2569

179.9418,
-18.6823, -46.0825

■ 48.5049, -8.3689,
-40.5786

■ 81.9835, -11.3110,
-42.6007

■ 38.7083, -7.4061,
-39.9535

■ 94.3791, -12.3172,
-43.2304

■ 29.6777, -6.4447,
-39.4731

■ 107.3431,
-13.3383, -43.8197

■ 21.4848, -5.4759,
-39.3385

■ 120.8518,
-14.3748, -44.3648

■ 14.2258, -4.4827,
-40.0496

134.8839,
-15.4273, -44.8638

■ 7.8817, -4.5124,
-44.2835

149.4207,

0.0000, NaN, -NF

-16.4959, -45.3163

0.0000, NaN, -NF

164.4451,
-17.5809, -45.7223

0.0000, NaN, NaN

■ 59.0108, -9.3391,
-41.2569

■ 59.0108, -9.3391,
-41.2569

■ 55.4861, -6.9588,
-48.3082

■ 62.8084, -10.8292,
-34.2604

■ 52.2415, -3.6728,
-55.3663

■ 66.8596, -11.4842,
-27.3661

■ 49.2562, 0.4072,
-62.4369

■ 71.1468, -11.3752,
-20.6029

■ 49.2424, 0.4272,
-62.4711

■ 75.6512, -10.5795,
-13.9882

■ 80.3547, -9.1730,
-7.5287

■ 85.2406, -7.2265,
-1.2235

■ 90.2936, -4.8041,
4.9333

■ 95.3593, -2.4473,
10.7851

■ 98.3417, -7.4104,
13.9896

Harmonies

Analogous

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



59.0118, -24.5545, -29.3084



59.0108, -9.3391, -41.2569



59.0118, 9.5451, -38.7725

Triad

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



59.0118, -9.3386, -41.2557



59.0118, 34.5450, 13.6754



59.0118, -28.1625, 21.2568

Complementary

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



59.0108, -9.3391, -41.2569



59.4787, 26.5069, 31.3368

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.



59.0118, -14.8586, 27.1482



59.0108, -9.3391, -41.2569



59.0118, 21.8161, 23.8079

Square

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



59.0118, -9.3386, -41.2557



59.0118, 36.5027, -3.1204



59.0118, 3.3007, 27.9085



59.0118, -34.4927, 8.9124

Rectangle

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



59.0108, -9.3391, -41.2569



59.0118, 21.6616, -29.4689



59.0118, 3.3007, 27.9085



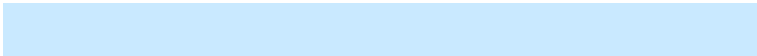
59.0118, -24.4410, 23.8712

Sweetspot

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



59.0118, -9.3386, -41.2557



88.4065, -10.3729, -9.1548



78.3173, -54.8825, 29.8873



40.2253, -5.0192, -5.1486

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.0118, -9.3386, -41.2557



59.8252, -6.2081, -57.0060



37.2704, 33.3756, -99.0875



40.0493, -3.3358, -0.4324



37.4276, -0.2526, -46.2360



11.3489, -1.4858, -10.9777

Inverse Universe

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



49.4930, 67.6428, -12.1157



50.6647, 84.3898, -10.8075



81.9990, -14.0917, 46.0898



38.9930, 2.4504, 0.5167



33.0257, 59.8189, -3.9418



9.3565, 17.1300, -2.5337

Previews

White Background



This preview shows how the HunterLab color 59.0108, -9.3391, -41.2569 looks on a white background.

Color Contrast Check

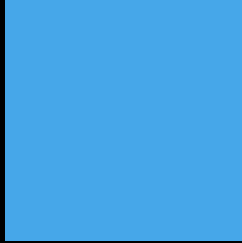
Large Text (above 18pt) WCAG AA × Fail

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 59.0108, -9.3391, -41.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

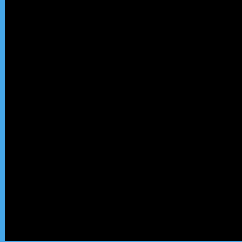
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

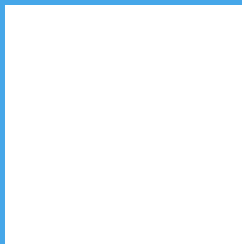
Any Text WCAG AAA ✓ Pass

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

HunterLab 59.0108, -9.3391, -41.2569 Background



This preview shows how black text looks on a background with the HunterLab color 59.0108, -9.3391, -41.2569.



This preview shows how white text looks on a background with the HunterLab color 59.0108, -9.3391, -41.2569.

-41.2569.

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

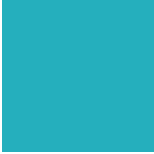
59.0108, -9.3391, -41.2569

Protanopia

58.7172, 5.6497, -34.9288

Deuteranopia

58.6491, 4.9969, -43.2293



Tritanopia

58.9299, -26.5591, -12.5909

Trichromacy



Original Color

59.0108, -9.3391, -41.2569

Protanomaly

58.4794, -0.8602, -37.6608

Deuteranomaly

58.6288, -1.2003, -42.6141

Tritanomaly

58.7927, -20.7955, -22.3825

Monochromacy



Original Color

59.0108, -9.3391, -41.2569

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

54.9337, -8.1972, -11.7532

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.0108, -9.3391, -41.2569 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(70, 167, 233)` looks like.

```
.text, #text, p{  
    color:rgb(70, 167, 233)  
}
```

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(70, 167, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 167, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 59.0108, -9.3391, -41.2569 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(70, 167, 233) }
```


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

```
.border{ border-color:rgb(70, 167, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 167, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 167, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 167, 233);  
box-shadow:4px 4px 4px 4px rgb(70, 167,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.0108, -9.3391, -41.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 167, 233) }
```

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

```
.background{ background-color: rgb(70, 167,  
233) }
```

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