

Converting Colors

HunterLab(30.9878, 34.9102,
-108.9185)

Have a look what the booklet for
HunterLab(30.9878, 34.9102,
-108.9185) contains.

HunterLab(30.8869, 35.0529, -109.0002)	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(30.8869, 35.0529,
-109.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	1F44DB
RGB	31, 68, 219
RGB Percent	12%, 27%, 86%
CMY	0.8783, 0.7333, 0.1412
CMYK	0.86, 0.69, 0.00, 0.14
HSL	228°, 75%, 49%
HSV	228°, 86%, 86%
XYZ	15.4184, 9.5400, 68.0465
YIQ	74.1510, -70.5230, 39.1170

Conversions

Conversions Part 2

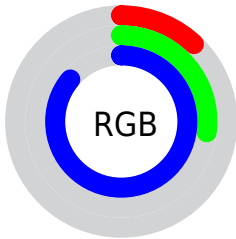
Format	Color
RYB	31, 62, 219
Decimal	2049243
CIELab	37.00, 44.23, -79.61
CIELCh	37, 91.068, 299.056
Yxy	9.5402, 0.1658, 0.1026
Android (android.graphics.Color)	4280239323 (0xFF1F44DB)
YUV	74.1510, 71.4106, -37.8434
Hunter-Lab	30.8869, 35.0529, -109.0002

Details

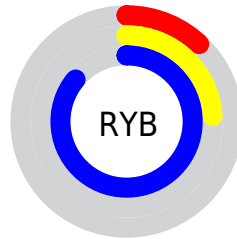
The HunterLab color **30.8869, 35.0529, -109.0002** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **69.7317, -3.7822, 41.7986**, and the grayscale version is **25.9956, -1.3871, 1.4124**.

A 20% lighter version of the original color is **48.2578, 31.0827, -85.9555**, and **18.2746, 35.9877, -100.5287** is the 20% darker color. If you saturate the color by 10%, you get **27.3668, 43.8043, -127.5640**, and if you desaturate by 10%, it is **35.2982, 26.9544, -90.3471**.

Distribution



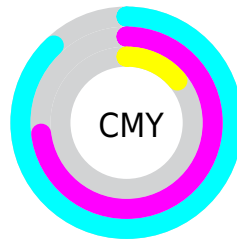
- Red (12%)
- Green (27%)
- Blue (86%)



- Red (12%)
- Yellow (24%)
- Blue (86%)



- Cyan (86%)
- Magenta (69%)
- Yellow (0%)
- Black (14%)



- Cyan (88%)
- Magenta (73%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8869, 35.0529, -109.0002 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 30.8869, 35.0529, -109.0002 by changing the saturation by 10% instead.

■ 30.8869, 35.0529,
-109.0002

■ 30.8869, 35.0529,
-109.0002

■ 136.8787, 46.3502,
-108.7496

■ 22.5724, 33.2679,
-114.1370

■ 49.9269, 38.3051,
-105.2684

■ 15.1763, 31.4441,
-124.6414

■ 60.5289, 39.7533,
-104.9125

■ 8.8057, 30.0263,
-149.3155

■ 71.7904, 41.0899,
-105.0553

0.0000, INF, -NF

■ 83.6749, 42.3225,
-105.5133

0.0000, NaN, -NF

■ 96.1512, 43.4583,
-106.1732

0.0000, NaN, -NF

109.1925, 44.5041,

0.0000, NaN, -NF

-106.9623

0.0000, NaN, NaN

122.7752, 45.4663,
-107.8322

■ 30.8869, 35.0529,
-109.0002

■ 30.8869, 35.0529,
-109.0002

■ 27.3668, 43.8043,
-127.5640

■ 35.2982, 26.9544,
-90.3471

■ 26.1686, 47.3340,
-134.8890

■ 40.4228, 19.9717,
-73.0405

■ 46.1093, 14.1402,
-57.5157

■ 52.2419, 9.3155,
-43.7053

■ 58.7356, 5.3155,
-31.3650

■ 65.5280, 1.9741,
-20.2255

■ 72.5734, -0.8446,
-10.0469

■ 79.8371, -3.2474,
-0.6317

■ 87.2925, -5.3167,
8.1768

Harmonies

Analogous

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



30.8872, -2.6758, -137.0320



30.8869, 35.0529, -109.0002



30.8872, 72.5630, -47.3602

Triad

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



30.8872, 35.0553, -108.9995



30.8872, 37.6282, 21.6210



30.8872, -42.6513, 2.6477

Complementary

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



30.8869, 35.0529, -109.0002



69.7317, -3.7822, 41.7986

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.



30.8872, -39.1147, 19.3096



30.8869, 35.0529, -109.0002



30.8872, -0.6101, 21.6210

Square

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



30.8872, 35.0553, -108.9995



30.8872, 74.4318, 18.8810



30.8872, -26.5718, 21.6210



30.8872, -39.5576, -43.5405

Rectangle

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



30.8869, 35.0529, -109.0002



30.8872, 87.0937, -11.9124



30.8872, -26.5718, 21.6210



30.8872, -42.2372, 10.9926

Sweetspot

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



30.8872, 35.0553, -108.9995



77.5373, 2.4871, -24.5215



73.6938, -45.9329, 9.2586



34.5529, 1.7603, -13.4252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.8872, 35.0553, -108.9995



30.8462, 57.1105, -161.8402



28.5341, 57.9521, -120.6576



36.0968, -1.1338, -1.8437



20.4521, 35.3982, -101.9779



6.2647, 5.8240, -20.4026

Inverse Universe

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



40.5692, 64.2892, 18.1320



46.3591, 79.8911, 26.0825



76.4901, -39.1048, 45.4422



36.1845, 1.5971, 2.2175



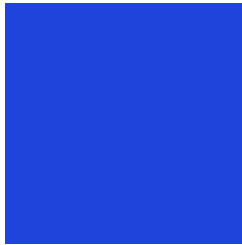
30.0766, 51.8932, 16.4420



7.7350, 13.5023, 3.0154

Previews

White Background



This preview shows how the HunterLab color 30.8869, 35.0529, -109.0002 looks on a white background.

Color Contrast Check

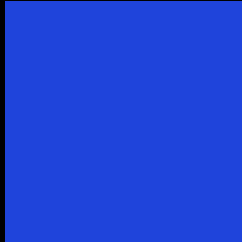
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 30.8869, 35.0529, -109.0002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

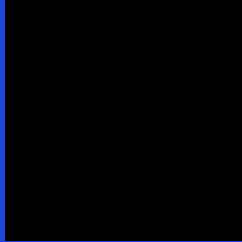
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 30.8869, 35.0529, -109.0002 Background



This preview shows how black text looks on a background with the HunterLab color 30.8869, 35.0529, -109.0002.



This preview shows how white text looks on a background with the HunterLab color 30.8869, 35.0529, -109.0002.

-109.0002.

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

30.8869, 35.0529, -109.0002

Protanopia

30.5305, 10.4736, -60.7699

Deuteranopia

30.5725, -0.5027, -37.1278



Tritanopia

30.5046, -15.1616, -5.3985

Trichromacy



Original Color

30.8869, 35.0529, -109.0002

Protanomaly

30.5380, 18.9032, -77.6734

Deuteranomaly

30.0851, 11.5378, -61.1879

Tritanomaly

29.5641, -0.4173, -34.7056

Monochromacy



Original Color

30.8869, 35.0529, -109.0002

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

26.5830, 6.4800, -28.2891

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8869, 35.0529, -109.0002 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(31, 68, 219)` looks like.

```
.text, #text, p{  
    color:rgb(31, 68, 219)  
}
```

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(31, 68, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 68, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8869, 35.0529, -109.0002 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(31, 68, 219) }
```


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

```
.border{ border-color:rgb(31, 68, 219) }
```

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

Here you see how a box with a 4 pixel rgb(31, 68, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 68, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 68, 219);  
box-shadow:4px 4px 4px 4px rgb(31, 68,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.8869, 35.0529, -109.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 68, 219) }
```

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

```
.background{ background-color: rgb(31, 68,  
219) }
```

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