

Converting Colors

HunterLab(24.9491, 67.2330,
-173.8514)

Have a look what the booklet for
HunterLab(24.9491, 67.2330,
-173.8514) contains.

HunterLab(24.9491, 67.2330, -173.8514)	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(24.9491, 67.2330,
-173.8514)**

Conversions

Conversions Part 1

Format	Color
Hex	1000ED
RGB	16, 0, 237
RGB Percent	6%, 0%, 93%
CMY	0.9371, 1.0000, 0.0706
CMYK	0.93, 1.00, 0.00, 0.07
HSL	244°, 100%, 46%
HSV	244°, 100%, 93%
XYZ	15.4997, 6.2246, 80.5053
YIQ	31.8020, -66.5410, 77.0990

Conversions

Conversions Part 2

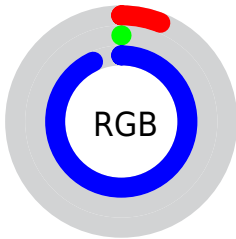
Format	Color
R _Y B	16, 0, 237
Decimal	1048813
CIE Lab	29.97, 75.01, -101.59
CIE LCh	30, 126.281, 306.443
Yxy	6.2250, 0.1516, 0.0609
Android (android.graphics.Color)	4279238893 (0xFF1000ED)
YUV	31.8020, 101.1626, -13.8584
Hunter-Lab	24.9491, 67.2330, -173.8514

Details

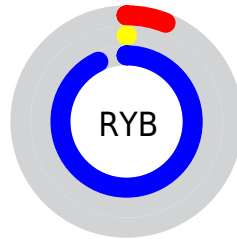
The HunterLab color **24.9491, 67.2330, -173.8514** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **87.1397, -29.4067, 53.1803**, and the grayscale version is **11.6695, -0.6227, 0.6340**.

A 20% lighter version of the original color is **39.2405, 57.7234, -117.7561**, and **18.0407, 48.9354, -128.1869** is the 20% darker color. If you saturate the color by 10%, you get **24.9500, 67.2337, -173.8447**, and if you desaturate by 10%, it is **26.7772, 62.5387, -159.8087**.

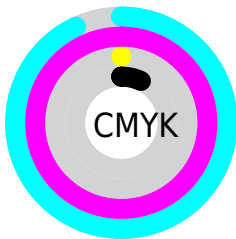
Distribution



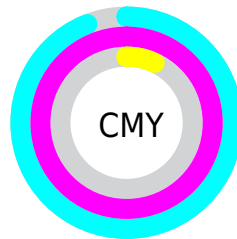
- Red (6%)
- Green (0%)
- Blue (93%)



- Red (6%)
- Yellow (0%)
- Blue (93%)



- Cyan (93%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (94%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9491, 67.2330, -173.8514 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 24.9491, 67.2330, -173.8514 by changing the saturation by 10% instead.

■ 24.9491, 67.2330,
-173.8514

■ 24.9491, 67.2330,
-173.8514

■ 126.9092, 86.9284,
-152.4114

■ 17.2696, 65.4911,
-192.5503

■ 42.8908, 71.8231,
-157.8292

■ 10.5950, 65.1854,
-231.4097

■ 53.0034, 74.2036,
-154.4256

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.8055, 76.5363,
-152.5113

0.0000, NaN, -NF

■ 75.2555, 78.7938,
-151.5538

0.0000, NaN, -NF

■ 87.3187, 80.9643,
-151.2342

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 99.9654, 83.0434,

-151.3518

113.1698, 85.0308,
-151.7742

24.9491, 67.2330,
-173.8514

24.9491, 67.2330,
-173.8514

24.9500, 67.2337,
-173.8447

26.7772, 62.5387,
-159.8087

30.2452, 54.4630,
-137.4719

35.2739, 44.8146,
-112.1509

41.5110, 35.3695,
-88.2383

48.6467, 26.8017,
-67.2055

■ 56.4569, 19.1760,
-49.0173

■ 64.7893, 12.3516,
-33.1813

■ 73.5397, 6.1567,
-19.1734

■ 82.6359, 0.4418,
-6.5581

Harmonies

Analogous

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



24.9500, 8.4138, -260.1447



24.9491, 67.2330, -173.8514



24.9500, 124.6214, -53.1560

Triad

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



24.9500, 67.2337, -173.8447



24.9500, 39.9466, 17.4650



24.9500, -43.0142, -8.9174

Complementary

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



24.9491, 67.2330, -173.8514



87.1397, -29.4067, 53.1803

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.



24.9500, -41.3156, 17.2641



24.9491, 67.2330, -173.8514



24.9500, -9.7801, 17.4650

Square

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



24.9500, 67.2337, -173.8447



24.9500, 102.8443, 17.4650



24.9500, -33.5032, 17.4650



24.9500, -38.8406, -101.3017

Rectangle

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



24.9491, 67.2330, -173.8514



24.9500, 141.7020, -3.9052



24.9500, -33.5032, 17.4650



24.9500, -43.1110, 5.6774

Sweetspot

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



24.9500, 67.2337, -173.8447



70.2930, 13.5056, -36.2482



76.1138, -36.5888, -16.1510



30.7205, 7.6587, -20.0182

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



24.9500, 67.2337, -173.8447



27.0955, 73.0475, -189.0447



33.4776, 75.5951, -119.9451



38.2068, 0.0665, -2.7162



18.4886, 49.7175, -128.0136



5.3435, 14.0564, -34.5736

Inverse Universe

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



48.1897, 93.3540, -52.7945



52.3616, 101.4299, -57.3192



79.6457, -59.0486, 48.0436



39.1090, 3.0716, -1.1311



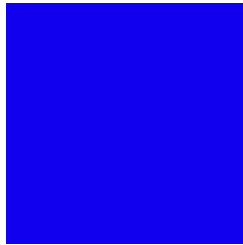
35.6182, 69.0174, -39.1555



10.0075, 19.4328, -11.3203

Previews

White Background



This preview shows how the HunterLab color 24.9491, 67.2330, -173.8514 looks on a white background.

Color Contrast Check

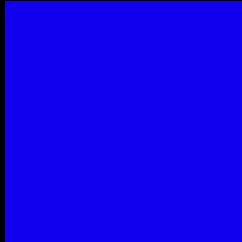
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9491, 67.2330, -173.8514 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 24.9491, 67.2330, -173.8514 Background



This preview shows how black text looks on a background with the HunterLab color 24.9491, 67.2330, -173.8514.



This preview shows how white text looks on a background with the HunterLab color 24.9491, 67.2330, -173.8514.

-173.8514.

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

24.9491, 67.2330, -173.8514

Protanopia

25.1626, 7.8672, -48.4340

Deuteranopia

25.1548, -1.2746, -28.6898



Tritanopia

25.2227, -12.7889, -3.9187

Trichromacy



Original Color

24.9491, 67.2330, -173.8514

Protanomaly

22.5716, 32.5628, -97.5469

Deuteranomaly

21.7993, 25.6586, -81.6434

Tritanomaly

20.6651, 14.9642, -57.0850

Monochromacy



Original Color

24.9491, 67.2330, -173.8514

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

13.3471, 21.1768, -53.1948

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.9491, 67.2330, -173.8514 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(16, 0, 237)` looks like.

```
.text, #text, p{  
    color:rgb(16, 0, 237)  
}
```

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(16, 0, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 0, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 24.9491, 67.2330, -173.8514 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(16, 0, 237) }
```


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

```
.border{ border-color:rgb(16, 0, 237) }
```

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

Here you see how a box with a 4 pixel rgb(16, 0, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 0, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 0, 237);  
box-shadow:4px 4px 4px 4px rgb(16, 0, 237)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.9491, 67.2330, -173.8514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 0, 237) }
```

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

```
.background{ background-color: rgb(16, 0,  
237) }
```

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