

Converting Colors

HunterLab(24.4444, 66.3021,
-173.6806)

Have a look what the booklet for
HunterLab(24.4444, 66.3021,
-173.6806) contains.

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Color

**HunterLab(24.4911, 66.4322,
-174.0199)**

Conversions

Conversions Part 1

Format	Color
Hex	0000EB
RGB	0, 0, 235
RGB Percent	0%, 0%, 92%
CMY	0.9998, 1.0000, 0.0784
CMYK	1.00, 1.00, 0.00, 0.08
HSL	240°, 100%, 46%
HSV	240°, 100%, 92%
XYZ	14.9954, 5.9981, 78.9646
YIQ	26.7900, -75.4350, 73.0850

Conversions

Conversions Part 2

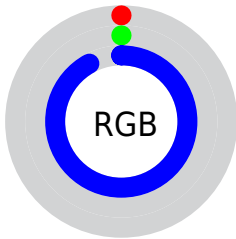
Format	Color
RYB	0, 0, 235
Decimal	235
CIELab	29.41, 74.45, -101.40
CIELCh	29, 125.795, 306.288
Yxy	5.9986, 0.1500, 0.0600
Android (android.graphics.Color)	4278190315 (0xFF0000EB)
YUV	26.7900, 102.6475, -23.4948
Hunter-Lab	24.4911, 66.4322, -174.0199

Details

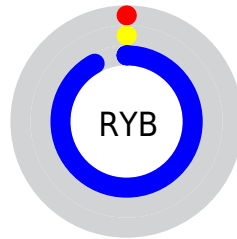
The HunterLab color **24.4911, 66.4322, -174.0199** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **87.7886, -23.6034, 53.6817**, and the grayscale version is **10.1236, -0.5402, 0.5500**.

A 20% lighter version of the original color is **38.8166, 57.7016, -119.5790**, and **17.8166, 48.3276, -126.5947** is the 20% darker color. If you saturate the color by 10%, you get **24.4920, 66.4329, -174.0131**, and if you desaturate by 10%, it is **26.1148, 61.4622, -161.2769**.

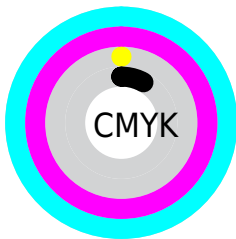
Distribution



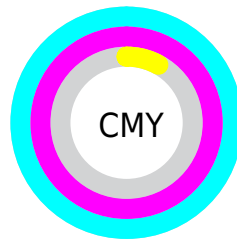
- Red (0%)
- Green (0%)
- Blue (92%)



- Red (0%)
- Yellow (0%)
- Blue (92%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.4911, 66.4322, -174.0199 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 24.4911, 66.4322, -174.0199 by changing the saturation by 10% instead.

■ 24.4911, 66.4322,
-174.0199

■ 24.4911, 66.4322,
-174.0199

■ 126.1199, 86.0354,
-151.9658

■ 16.8648, 64.7178,
-193.3155

■ 42.3417, 70.9992,
-157.5883

■ 10.2516, 64.4980,
-233.8231

■ 52.4139, 73.3708,
-154.1059

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.1782, 75.6945,
-152.1441

0.0000, NaN, -NF

■ 74.5927, 77.9425,
-151.1565

0.0000, NaN, -NF


■ 86.6221, 80.1031,
-150.8174


0.0000, NaN, -NF


0.0000, NaN, NaN


■ 99.2366, 82.1719,


-150.9217


 112.4101, 84.1487,
-151.3350


 24.4911, 66.4322,
-174.0199

 24.4911, 66.4322,
-174.0199

 24.4920, 66.4329,
-174.0131

 26.1148, 61.4622,
-161.2769

 29.3883, 52.9588,
-139.5317

 34.2983, 42.9313,
-113.9820

 40.4787, 33.3115,
-89.5973

 47.5988, 24.7907,
-68.1384

■ 55.4192, 17.3878,
-49.6336

■ 63.7780, 10.9124,
-33.5759

■ 72.5656, 5.1551,
-19.4135

■ 81.7064, -0.0589,
-6.6878

Harmonies

Analogous

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



24.4920, 8.0988, -259.8233



24.4911, 66.4322, -174.0199



24.4920, 123.6786, -53.3853

Triad

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



24.4920, 66.4329, -174.0131



24.4920, 39.9557, 17.1444



24.4920, -42.5543, -8.5691

Complementary

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



24.4911, 66.4322, -174.0199



87.7886, -23.6034, 53.6817

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.



24.4920, -40.7994, 17.1245



24.4911, 66.4322, -174.0199



24.4920, -9.4798, 17.1444

Square

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



24.4920, 66.4329, -174.0131



24.4920, 102.5051, 17.1444



24.4920, -32.9759, 17.1444



24.4920, -38.3482, -100.2649

Rectangle

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



24.4911, 66.4322, -174.0199



24.4920, 140.8812, -4.1325



24.4920, -32.9759, 17.1444



24.4920, -42.6419, 5.7721

Sweetspot

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



24.4920, 66.4329, -174.0131



69.8475, 12.0613, -37.0568



80.8795, -42.8784, -8.5302



30.4899, 6.9239, -20.4688

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



24.4920, 66.4329, -174.0131



26.8709, 72.8856, -190.9162



31.3286, 72.7966, -128.1682



38.1434, -0.1509, -2.8028



18.2717, 49.5604, -129.8151



5.1208, 13.8883, -36.3714

Inverse Universe

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



48.6382, 95.6188, -64.1078



53.3626, 104.9065, -70.3346



79.5194, -55.8527, 48.0217



39.1328, 3.1986, -1.4680



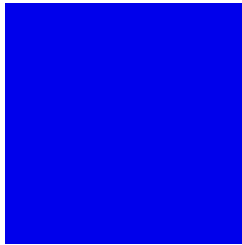
36.2851, 71.3336, -47.8263



10.1680, 19.9896, -13.4034

Previews

White Background



This preview shows how the HunterLab color 24.4911, 66.4322, -174.0199 looks on a white background.

Color Contrast Check

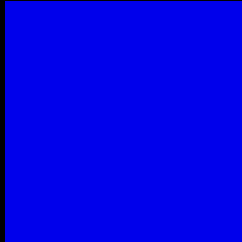
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4911, 66.4322, -174.0199 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 24.4911, 66.4322, -174.0199 Background



This preview shows how black text looks on a background with the HunterLab color 24.4911, 66.4322, -174.0199.



This preview shows how white text looks on a background with the HunterLab color 24.4911, 66.4322, -174.0199.

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

24.4911, 66.4322, -174.0199

Protanopia

25.0397, 7.2373, -46.9208

Deuteranopia

24.8399, -1.1055, -28.6612

Trichromacy



Original Color

24.4911, 66.4322, -174.0199

Protanomaly

22.3063, 31.6758, -96.2599

Deuteranomaly

21.4437, 25.6356, -82.1428

Monochromacy



Original Color

24.4911, 66.4322, -174.0199

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

12.2448, 20.5524, -54.2283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.4911, 66.4322, -174.0199 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(0, 0, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 235)  
}
```

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(0, 0, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 24.4911, 66.4322, -174.0199 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(0, 0, 235) }
```

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

```
.border{ border-color:rgb(0, 0, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 235); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 235); box-shadow:4px  
4px 4px 4px rgb(0, 0, 235) }
```


Background

The CSS property to change the background color of an element to HunterLab 24.4911, 66.4322, -174.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 235) }
```

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

```
.background{ background-color: rgb(0, 0,  
235) }
```

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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