

Converting Colors

HunterLab(24.7456, 67.1214,
-175.8203)

Have a look what the booklet for
HunterLab(24.7456, 67.1214,
-175.8203) contains.

HunterLab(24.7274, 67.0730, -175.6983)	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>	30

Color

**HunterLab(24.7274, 67.0730,
-175.6983)**

Conversions

Conversions Part 1

Format	Color
Hex	0000ED
RGB	0, 0, 237
RGB Percent	0%, 0%, 93%
CMY	0.9997, 1.0000, 0.0706
CMYK	1.00, 1.00, 0.00, 0.07
HSL	240°, 100%, 46%
HSV	240°, 100%, 93%
XYZ	15.2861, 6.1144, 80.4954
YIQ	27.0180, -76.0770, 73.7070

Conversions

Conversions Part 2

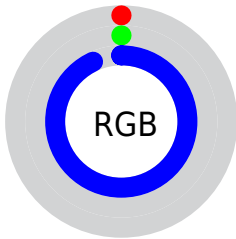
Format	Color
R_{YB}	0, 0, 237
Decimal	237
CIE Lab	29.70, 74.93, -102.05
CIE LCh	30, 126.603, 306.288
Yxy	6.1149, 0.1500, 0.0600
Android (android.graphics.Color)	4278190317 (0xFF0000ED)
YUV	27.0180, 103.5211, -23.6948
Hunter-Lab	24.7274, 67.0730, -175.6983

Details

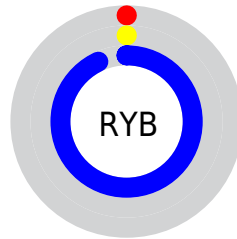
The HunterLab color **24.7274, 67.0730, -175.6983** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **88.6352, -23.8320, 54.1994**, and the grayscale version is **10.1909, -0.5438, 0.5537**.

A 20% lighter version of the original color is **38.9734, 57.2010, -118.9096**, and **18.0407, 48.9354, -128.1869** is the 20% darker color. If you saturate the color by 10%, you get **24.7283, 67.0737, -175.6916**, and if you desaturate by 10%, it is **26.3565, 62.0846, -162.9078**.

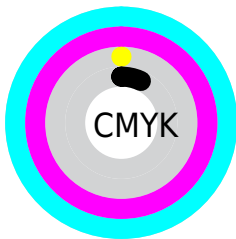
Distribution



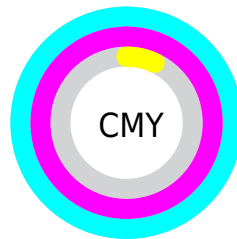
- Red (0%)
- Green (0%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.7274, 67.0730, -175.6983 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 24.7274, 67.0730, -175.6983 by changing the saturation by 10% instead.

■ 24.7274, 67.0730,
-175.6983

■ 24.7274, 67.0730,
-175.6983

■ 126.5275, 86.7584,
-153.3903

■ 17.0735, 65.3502,
-195.0093

■ 42.6251, 71.6535,
-159.1668

■ 10.4286, 65.1037,
-235.3016

■ 52.7182, 74.0332,
-155.6430

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.5021, 76.3657,
-153.6483

0.0000, NaN, -NF

■ 74.9349, 78.6234,
-152.6349

0.0000, NaN, -NF

■ 86.9818, 80.7940,
-152.2760

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 99.6129, 82.8733,

-152.3653

■ 112.8024, 84.8609,
-152.7675

■ 24.7274, 67.0730,
-175.6983

■ 24.7274, 67.0730,
-175.6983

■ 24.7283, 67.0737,
-175.6916

■ 26.3565, 62.0846,
-162.9078

■ 29.6560, 53.5071,
-140.9724

■ 34.6104, 43.3794,
-115.1668

■ 40.8500, 33.6594,
-90.5276

■ 48.0400, 25.0492,
-68.8433

■ 55.9383, 17.5691,
-50.1453

■ 64.3809, 11.0267,
-33.9213

■ 73.2570, 5.2102,
-19.6136

■ 82.4902, -0.0570,
-6.7582

Harmonies

Analogous

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



24.7283, 8.1769, -262.3296



24.7274, 67.0730, -175.6983



24.7283, 124.8717, -53.9002

Triad

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



24.7283, 67.0737, -175.6916



24.7283, 40.3411, 17.3098



24.7283, -42.8907, -8.6518

Complementary

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



24.7274, 67.0730, -175.6983



88.6352, -23.8320, 54.1994

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.



24.7283, -41.1415, 17.2603



24.7274, 67.0730, -175.6983



24.7283, -9.5712, 17.3098

Square

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



24.7283, 67.0737, -175.6916



24.7283, 103.4938, 17.3098



24.7283, -33.2941, 17.3098



24.7283, -38.6981, -101.2321

Rectangle

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



24.7274, 67.0730, -175.6983



24.7283, 142.2402, -4.1723



24.7283, -33.2941, 17.3098



24.7283, -42.9781, 5.8278

Sweetspot

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



24.7283, 67.0737, -175.6916



69.8476, 12.0615, -37.0567



81.6597, -43.2921, -8.6125



30.4899, 6.9240, -20.4687

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



24.7283, 67.0737, -175.6916



26.8709, 72.8856, -190.9160



31.6246, 73.4919, -129.4384



38.1434, -0.1509, -2.8028



18.2718, 49.5604, -129.8148



5.1208, 13.8884, -36.3711

Inverse Universe

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



49.1073, 96.5407, -64.7244



53.3624, 104.9059, -70.3325



80.2841, -56.4017, 48.4833



39.1328, 3.1986, -1.4679



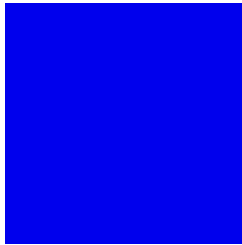
36.2850, 71.3333, -47.8249



10.1679, 19.9895, -13.4031

Previews

White Background



This preview shows how the HunterLab color 24.7274, 67.0730, -175.6983 looks on a white background.

Color Contrast Check

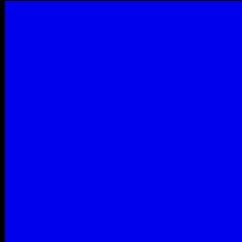
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7274, 67.0730, -175.6983 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 24.7274, 67.0730, -175.6983 Background



This preview shows how black text looks on a background with the HunterLab color 24.7274, 67.0730, -175.6983.



This preview shows how white text looks on a background with the HunterLab color 24.7274, 67.0730, -175.6983.

-175.6983.

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

24.7274, 67.0730, -175.6983

Protanopia

25.1010, 7.5516, -47.6758

Tritanopia

25.2227, -12.7889, -3.9187

Trichromacy



Original Color

24.7274, 67.0730, -175.6983

Protanomaly

22.3958, 32.0340, -97.1449

Tritanomaly

20.5712, 14.7102, -57.4672

Monochromacy



Original Color

24.7274, 67.0730, -175.6983

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 24.7274, 67.0730, -175.6983 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 0, 237) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 24.7274, 67.0730, -175.6983 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, 237) }
```

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

```
.border{ border-color:rgb(0, 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(0, 0, 237)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to HunterLab 24.7274, 67.0730, -175.6983 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, 237) }
```

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

```
.background{ background-color: rgb(0, 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