

Converting Colors

HunterLab(42.8001, 11.8964,
-79.1774)

Have a look what the booklet for
HunterLab(42.8001, 11.8964,
-79.1774) contains.

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Color

**HunterLab(42.7983, 11.8993,
-79.1814)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0074E8 |
| RGB | 0, 116, 232 |
| RGB Percent | 0%, 45%, 91% |
| CMY | 0.9998, 0.5451, 0.0902 |
| CMYK | 1.00, 0.50, 0.00, 0.09 |
| HSL | 210°, 100%, 46% |
| HSV | 210°, 100%, 91% |
| XYZ | 20.8108, 18.3169, 78.7825 |
| YIQ | 94.5400, -106.3720, 11.4840 |

Conversions

Conversions Part 2

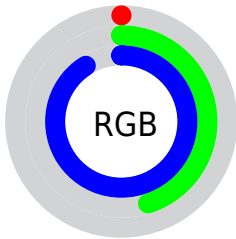
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 77, 232 |
| Decimal | 29928 |
| CIELab | 49.88, 17.40, -65.97 |
| CIELCh | 50, 68.224, 284.780 |
| Yxy | 18.3174, 0.1765, 0.1553 |
| Android (android.graphics.Color) | 4278220008 (0xFF0074E8) |
| YUV | 94.5400, 67.7678, -82.9116 |
| Hunter-Lab | 42.7983, 11.8993, -79.1814 |

Details

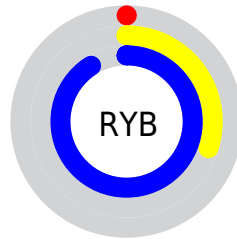
The HunterLab color **42.7983, 11.8993, -79.1814** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **54.4618, 34.2578, 34.1570**, and the grayscale version is **33.4482, -1.7847, 1.8173**.

A 20% lighter version of the original color is **61.5805, 1.8393, -53.1109**, and **27.1134, 17.5037, -71.6749** is the 20% darker color. If you saturate the color by 10%, you get **42.7902, 11.9157, -79.2067**, and if you desaturate by 10%, it is **46.2023, 6.4306, -69.3882**.

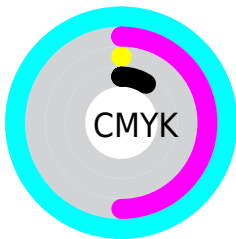
Distribution



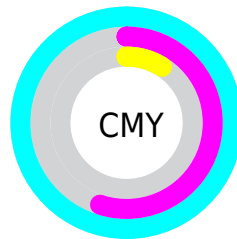
- Red (0%)
- Green (45%)
- Blue (91%)



- Red (0%)
- Yellow (30%)
- Blue (91%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7983, 11.8993, -79.1814 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 42.7983, 11.8993, -79.1814 by changing the saturation by 10% instead.

■ 42.7983, 11.8993,
-79.1814

■ 42.7983, 11.8993,
-79.1814

■ 155.7736, 12.7546,
-85.2328

■ 33.4337, 11.4209,
-79.8010

■ 63.7004, 12.5700,
-79.6193

■ 24.8732, 10.8231,
-81.6344

■ 75.1445, 12.7817,
-80.2423

■ 17.2017, 10.0851,
-85.9407

■ 87.2021, 12.9227,
-80.9917

■ 10.5373, 9.1791,
-96.1890

■ 99.8434, 12.9993,
-81.8112

0.0000, INF, -NF

0.0000, NaN, -NF

■ 113.0426, 13.0168,
-82.6650

0.0000, NaN, -NF

126.7771, 12.9794,

0.0000, NaN, -NF

-83.5296

0.0000, NaN, NaN

141.0268, 12.8909,
-84.3891

■ 42.7983, 11.8993,
-79.1814

■ 42.7983, 11.8993,
-79.1814

■ 42.7902, 11.9157,
-79.2067

■ 46.2023, 6.4306,
-69.3882

■ 49.9428, 1.8652,
-59.8255

■ 54.0256, -1.6931,
-50.5229

■ 58.4229, -4.2905,
-41.5526

■ 63.1043, -6.0123,
-32.9505

■ 68.0404, -6.9572,
-24.7216

■ 73.2047, -7.2228,
-16.8510

■ 78.5735, -6.8990,
-9.3121

■ 84.1264, -6.0650,
-2.0733

Harmonies

Analogous

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



42.7989, -15.1773, -78.9333



42.7983, 11.8993, -79.1814



42.7989, 41.1706, -50.2179

Triad

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



42.7989, 11.9009, -79.1803



42.7989, 41.5593, 24.6540



42.7989, -41.9842, 13.4472

Complementary

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



42.7983, 11.8993, -79.1814



54.4618, 34.2578, 34.1570

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.



42.7989, -33.2645, 24.7434



42.7983, 11.8993, -79.1814



42.7989, 12.3386, 27.9060

Square

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



42.7989, 11.9009, -79.1803



42.7989, 60.9858, 13.1840



42.7989, -14.8360, 27.9235



42.7989, -42.0455, -12.4171

Rectangle

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



42.7983, 11.8993, -79.1814



42.7989, 56.0994, -24.7766



42.7989, -14.8360, 27.9235



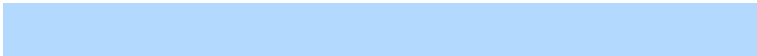
42.7989, -40.0883, 18.5774

Sweetspot

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



42.7989, 11.9009, -79.1803



81.3855, -8.0412, -18.9139



76.7956, -59.9858, 33.5071



36.5128, -3.6995, -10.4479

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.7989, 11.9009, -79.1803



47.4547, 13.6233, -88.7231



24.1411, 65.4617, -171.4782



38.8221, -2.7631, -0.7824



32.2754, 8.1006, -57.8283



9.7753, 0.3468, -12.9668

Inverse Universe

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



42.9164, 76.4258, 4.9559



47.7541, 85.0145, 5.7867



86.5272, -23.2401, 52.9096



38.0625, 2.2156, 0.9511



32.0146, 57.0907, 3.1308



8.8099, 15.9083, -0.6719

Previews

White Background



This preview shows how the HunterLab color 42.7983, 11.8993, -79.1814 looks on a white background.

Color Contrast Check

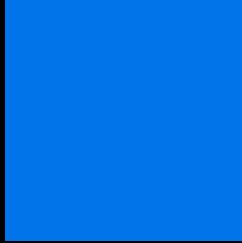
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.7983, 11.8993, -79.1814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

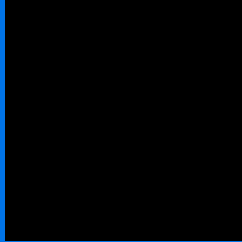
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

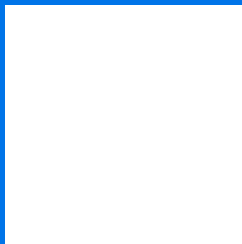
Any Text WCAG AAA × Fail

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

HunterLab 42.7983, 11.8993, -79.1814 Background



This preview shows how black text looks on a background with the HunterLab color 42.7983, 11.8993, -79.1814.



This preview shows how white text looks on a background with the HunterLab color 42.7983, 11.8993, -79.1814.

-79.1814.

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

42.7983, 11.8993, -79.1814

Protanopia

42.8674, 14.5878, -76.8729

Deuteranopia

42.8111, 2.0919, -58.0259



Tritanopia

42.5747, -20.6307, -8.6788

Trichromacy



Original Color

42.7983, 11.8993, -79.1814

Protanomaly

42.8046, 13.1633, -78.1115

Deuteranomaly

42.7266, 5.6569, -65.6161

Tritanomaly

42.3543, -10.8877, -29.4358

Monochromacy



Original Color

42.7983, 11.8993, -79.1814

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.6448, -3.1639, -22.6494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7983, 11.8993, -79.1814 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, 116, 232)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 232)  
}
```

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, 116, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7983, 11.8993, -79.1814 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, 116, 232) }
```


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

```
.border{ border-color:rgb(0, 116, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 116, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 232);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7983, 11.8993, -79.1814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 232) }
```

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

```
.background{ background-color: rgb(0, 116,  
232) }
```

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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