

Converting Colors

HunterLab(42.7536, 14.4685,
-84.6716)

Have a look what the booklet for
HunterLab(42.7536, 14.4685,
-84.6716) contains.

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Color

**HunterLab(42.8671, 14.1628,
-84.1535)**

Conversions

Conversions Part 1

Format	Color
Hex	0073ED
RGB	0, 115, 237
RGB Percent	0%, 45%, 93%
CMY	0.9997, 0.5490, 0.0706
CMYK	1.00, 0.51, 0.00, 0.07
HSL	211°, 100%, 46%
HSV	211°, 100%, 93%
XYZ	21.4168, 18.3759, 82.5388
YIQ	94.5230, -107.7020, 13.5620

Conversions

Conversions Part 2

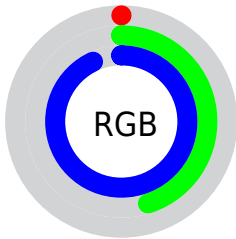
Format	Color
RYB	0, 77, 237
Decimal	29677
CIELab	49.95, 20.00, -68.65
CIELCh	50, 71.508, 286.240
Yxy	18.3763, 0.1751, 0.1502
Android (android.graphics.Color)	4278219757 (0xFF0073ED)
YUV	94.5230, 70.2412, -82.8967
Hunter-Lab	42.8671, 14.1628, -84.1535

Details

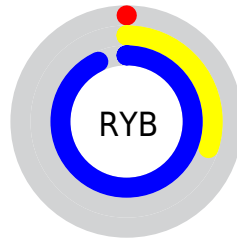
The HunterLab color **42.8671, 14.1628, -84.1535** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **56.5155, 33.4145, 35.4076**, and the grayscale version is **33.4339, -1.7839, 1.8165**.

A 20% lighter version of the original color is **61.3845, 2.7009, -53.5075**, and **27.2572, 19.7869, -76.7834** is the 20% darker color. If you saturate the color by 10%, you get **42.8582, 14.1813, -84.1823**, and if you desaturate by 10%, it is **46.4081, 8.3008, -73.6193**.

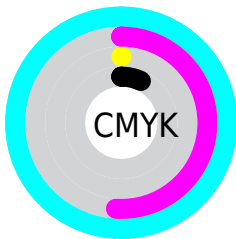
Distribution



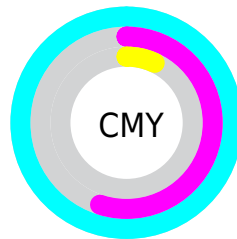
- Red (0%)
- Green (45%)
- Blue (93%)



- Red (0%)
- Yellow (30%)
- Blue (93%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (55%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8671, 14.1628, -84.1535 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 42.8671, 14.1628, -84.1535 by changing the saturation by 10% instead.

■ 42.8671, 14.1628, -84.1535

■ 42.8671, 14.1628, -84.1535

155.8794, 15.9864, -89.9566

■ 33.4970, 13.5531, -85.0036

■ 63.7790, 15.0789, -84.3610

■ 24.9306, 12.8175, -87.2193

■ 75.2275, 15.4055, -84.9326

■ 17.2525, 11.9363, -92.2008

■ 87.2893, 15.6568, -85.6556

■ 10.5805, 10.8869, -103.7991

■ 99.9346, 15.8397, -86.4666

0.0000, INF, -NF

0.0000, NaN, -NF

■ 113.1377, 15.9597, -87.3250

0.0000, NaN, -NF

126.8759, 16.0216,

0.0000, NaN, -NF

-88.2040

0.0000, NaN, NaN

141.1291, 16.0293,
-89.0853

■ 42.8671, 14.1628,
-84.1535

■ 42.8671, 14.1628,
-84.1535

■ 42.8582, 14.1813,
-84.1823

■ 46.4081, 8.3008,
-73.6193

■ 50.3122, 3.3874,
-63.3567

■ 54.5807, -0.4724,
-53.4102

■ 59.1815, -3.3299,
-43.8591

■ 64.0805, -5.2782,
-34.7378

■ 69.2456, -6.4234,
-26.0456

■ 74.6478, -6.8697,
-17.7599

■ 80.2620, -6.7123,
-9.8464

■ 86.0665, -6.0341,
-2.2663

Harmonies

Analogous

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



42.8676, -14.5791, -85.6629



42.8671, 14.1628, -84.1535



42.8676, 44.9888, -51.7623

Triad

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



42.8676, 14.1645, -84.1524



42.8676, 42.6591, 25.5078



42.8676, -43.6351, 12.9873

Complementary

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



42.8671, 14.1628, -84.1535



56.5155, 33.4145, 35.4076

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.



42.8676, -35.1642, 25.0150



42.8671, 14.1628, -84.1535



42.8676, 11.5622, 28.3762

Square

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



42.8676, 14.1645, -84.1524



42.8676, 64.1571, 14.5171



42.8676, -16.5842, 28.2861



42.8676, -43.2828, -14.9861

Rectangle

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



42.8671, 14.1628, -84.1535



42.8676, 60.3963, -24.4835



42.8676, -16.5842, 28.2861



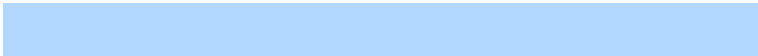
42.8676, -41.8451, 18.4897

Sweetspot

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



42.8676, 14.1645, -84.1524



81.0284, -7.4629, -19.4276



78.6701, -61.4649, 34.3573



36.3248, -3.3954, -10.7286

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.8676, 14.1645, -84.1524



46.4324, 15.6960, -91.9195



24.7312, 67.0611, -175.6678



39.6926, -2.7514, -0.8670



32.0766, 9.6478, -60.9198



9.9994, 0.7842, -14.1913

Inverse Universe

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



43.8678, 77.9382, 6.4737



47.6525, 84.6441, 7.2439



88.6417, -23.8080, 54.2025



38.9562, 2.2528, 1.0408



32.4523, 57.7376, 4.2092



9.1997, 16.5644, -0.3306

Previews

White Background



This preview shows how the HunterLab color 42.8671, 14.1628, -84.1535 looks on a white background.

Color Contrast Check

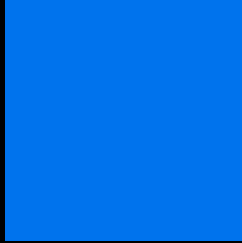
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.8671, 14.1628, -84.1535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

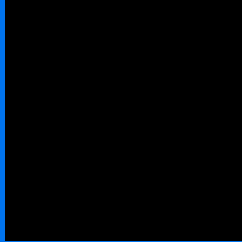
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

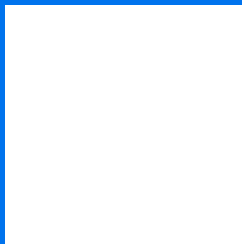
Any Text WCAG AAA × Fail

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

HunterLab 42.8671, 14.1628, -84.1535 Background



This preview shows how black text looks on a background with the HunterLab color 42.8671, 14.1628, -84.1535.



This preview shows how white text looks on a background with the HunterLab color 42.8671, 14.1628, -84.1535.

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

42.8671, 14.1628, -84.1535

Protanopia

42.9719, 15.7076, -82.7378

Deuteranopia

42.8111, 2.0919, -58.0259



Tritanopia

42.5747, -20.6307, -8.6788

Trichromacy



Original Color

42.8671, 14.1628, -84.1535

Protanomaly

42.7468, 15.0175, -83.4650

Deuteranomaly

42.8497, 6.3075, -67.1746

Tritanomaly

42.1454, -9.9218, -31.2599

Monochromacy



Original Color

42.8671, 14.1628, -84.1535

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.4542, -2.2264, -24.3540

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8671, 14.1628, -84.1535 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, 115, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 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, 115, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8671, 14.1628, -84.1535 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, 115, 237) }
```


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

```
.border{ border-color:rgb(0, 115, 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, 115, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8671, 14.1628, -84.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 237) }
```

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

```
.background{ background-color: rgb(0, 115,  
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](#).

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