

Converting Colors

HunterLab(34.2632, 34.2421,
-116.7449)

Have a look what the booklet for
HunterLab(34.2632, 34.2421,
-116.7449) contains.

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Color

**HunterLab(34.2146, 34.4598,
-117.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	004FED
RGB	0, 79, 237
RGB Percent	0%, 31%, 93%
CMY	0.9997, 0.6902, 0.0706
CMYK	1.00, 0.67, 0.00, 0.07
HSL	220°, 100%, 46%
HSV	220°, 100%, 93%
XYZ	18.0821, 11.7064, 81.4273
YIQ	73.3910, -97.8020, 32.3900

Conversions

Conversions Part 2

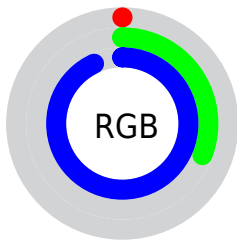
Format	Color
RYB	0, 59, 237
Decimal	20461
CIELab	40.75, 42.98, -83.70
CIELCh	41, 94.089, 297.179
Yxy	11.7066, 0.1626, 0.1053
Android (android.graphics.Color)	4278210541 (0xFF004FED)
YUV	73.3910, 80.6592, -64.3639
Hunter-Lab	34.2146, 34.4598, -117.1540

Details

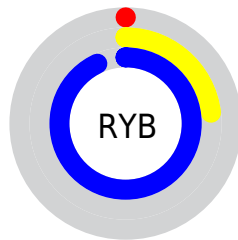
The HunterLab color **34.2146, 34.4598, -117.1540** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **65.1779, 15.1047, 40.4250**, and the grayscale version is **25.7048, -1.3715, 1.3966**.

A 20% lighter version of the original color is **51.0273, 23.7782, -78.0682**, and **21.3472, 36.8034, -106.1303** is the 20% darker color. If you saturate the color by 10%, you get **34.2051, 34.4860, -117.1988**, and if you desaturate by 10%, it is **38.0194, 26.1062, -101.0620**.

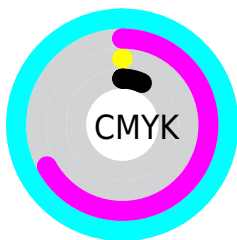
Distribution



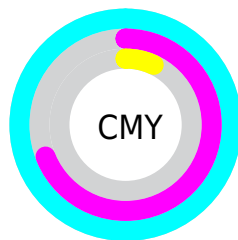
- Red (0%)
- Green (31%)
- Blue (93%)



- Red (0%)
- Yellow (23%)
- Blue (93%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (69%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2146, 34.4598, -117.1540 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 34.2146, 34.4598, -117.1540 by changing the saturation by 10% instead.

■ 34.2146, 34.4598,
-117.1540

■ 34.2146, 34.4598,
-117.1540

■ 142.2860, 45.0253,
-116.9002

■ 25.5817, 32.7504,
-121.9897

■ 53.8141, 37.5336,
-113.4917

■ 17.8290, 30.9561,
-131.4544

■ 64.6676, 38.8931,
-113.1115

■ 11.0713, 29.2200,
-151.6963

■ 76.1662, 40.1441,
-113.2283

■ 2.8736, 67.1006,
-398.5919

■ 88.2755, 41.2944,
-113.6658

0.0000, INF, -NF

0.0000, NaN, -NF

■ 100.9661, 42.3513,
-114.3133

0.0000, NaN, -NF

114.2126, 43.3216,

0.0000, NaN, -NF

-115.0984

0.0000, NaN, NaN

127.9925, 44.2112,
-115.9720

■ 34.2146, 34.4598,
-117.1540

■ 34.2146, 34.4598,
-117.1540

■ 34.2051, 34.4860,
-117.1988

■ 38.0194, 26.1062,
-101.0620

■ 42.4421, 18.7643,
-85.4451

■ 47.4211, 12.6618,
-70.7321

■ 52.8684, 7.7457,
-57.1401

■ 58.7083, 3.8736,
-44.6714

■ 64.8796, 0.8840,
-33.2245

■ 71.3335, -1.3729,
-22.6626

■ 78.0318, -3.0247,
-12.8476

■ 84.9440, -4.1762,
-3.6547

Harmonies

Analogous

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



34.2149, -5.0625, -142.4938



34.2146, 34.4598, -117.1540



34.2149, 74.6275, -53.8099

Triad

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



34.2149, 34.4625, -117.1533



34.2149, 42.5786, 23.9504



34.2149, -46.3211, 4.8527

Complementary

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



34.2146, 34.4598, -117.1540



65.1779, 15.1047, 40.4250

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.



34.2149, -41.8855, 21.5267



34.2146, 34.4598, -117.1540



34.2149, 1.5325, 23.9504

Square

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



34.2149, 34.4625, -117.1533



34.2149, 80.4838, 20.0562



34.2149, -27.3646, 23.9504



34.2149, -43.3536, -41.9034

Rectangle

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



34.2146, 34.4598, -117.1540



34.2149, 91.0547, -15.5111



34.2149, -27.3646, 23.9504



34.2149, -45.7096, 13.2004

Sweetspot

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



34.2149, 34.4625, -117.1533



77.4099, -1.4610, -24.7881



79.3968, -56.9780, 23.7631



34.4247, -0.2343, -13.6684

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.2149, 34.4625, -117.1533



37.0260, 37.8644, -128.0178



25.6088, 67.7173, -168.5324



39.2031, -1.9409, -1.4701



25.6965, 24.3434, -84.6688



8.3040, 4.1487, -19.3352

Inverse Universe

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



43.0935, 75.1004, 17.6920



46.8136, 81.5690, 19.4024



85.1518, -36.9817, 51.8214



38.9061, 1.9839, 1.7543



31.8738, 55.6189, 12.5806



9.0279, 15.9385, 2.1286

Previews

White Background



This preview shows how the HunterLab color 34.2146, 34.4598, -117.1540 looks on a white background.

Color Contrast Check

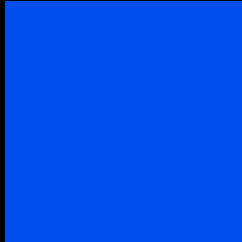
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2146, 34.4598, -117.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

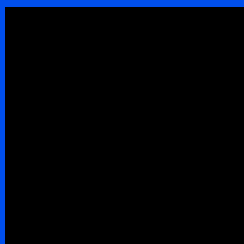
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

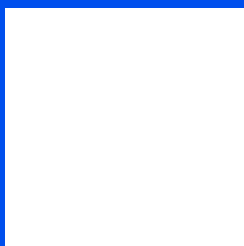
Any Text WCAG AAA × Fail

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

HunterLab 34.2146, 34.4598, -117.1540 Background



This preview shows how black text looks on a background with the HunterLab color 34.2146, 34.4598, -117.1540.



This preview shows how white text looks on a background with the HunterLab color 34.2146, 34.4598, -117.1540.

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

34.2146, 34.4598, -117.1540

Protanopia

33.9843, 11.7753, -67.8969

Deuteranopia

33.8947, -0.0667, -42.2216



Tritanopia

33.8791, -16.7240, -6.2435

Trichromacy



Original Color

34.2146, 34.4598, -117.1540

Protanomaly

33.8667, 20.0096, -85.5254

Deuteranomaly

33.5975, 11.6294, -67.0985

Tritanomaly

32.8634, -1.7361, -37.3288

Monochromacy



Original Color

34.2146, 34.4598, -117.1540

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

27.0304, 4.7100, -31.9349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2146, 34.4598, -117.1540 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, 79, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 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, 79, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2146, 34.4598, -117.1540 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, 79, 237) }
```


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

```
.border{ border-color:rgb(0, 79, 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, 79, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 237)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.2146, 34.4598, -117.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 237) }
```

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

```
.background{ background-color: rgb(0, 79,  
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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