

Converting Colors

HunterLab(38.2032, 39.4447,
-122.5966)

Have a look what the booklet for
HunterLab(38.2032, 39.4447,
-122.5966) contains.

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Color

**HunterLab(38.1830, 39.5003,
-122.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	3356FF
RGB	51, 86, 255
RGB Percent	20%, 34%, 100%
CMY	0.7999, 0.6628, 0.0000
CMYK	0.80, 0.66, 0.00, 0.00
HSL	230°, 100%, 60%
HSV	230°, 80%, 100%
XYZ	22.7431, 14.5794, 96.2233
YIQ	94.8010, -75.1090, 45.1390

Conversions

Conversions Part 2

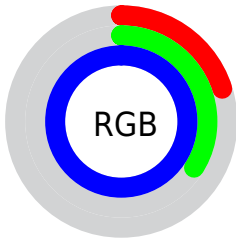
Format	Color
R_{YB}	51, 81, 255
Decimal	3364607
CIE _{Lab}	45.05, 47.26, -86.66
CIE _{LCh}	45, 98.711, 298.604
Yxy	14.5796, 0.1703, 0.1092
Android (android.graphics.Color)	4281554687 (0xFF3356FF)
YUV	94.8010, 78.9781, -38.4135
Hunter-Lab	38.1830, 39.5003, -122.6860

Details

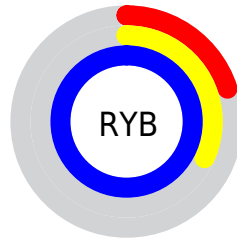
The HunterLab color **38.1830, 39.5003, -122.6860** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **85.2621, -8.0273, 50.2181**, and the grayscale version is **33.4915, -1.7870, 1.8197**.

A 20% lighter version of the original color is **54.4551, 23.4112, -69.0428**, and **23.7004, 40.3993, -116.8338** is the 20% darker color. If you saturate the color by 10%, you get **33.4652, 49.9635, -146.1201**, and if you desaturate by 10%, it is **43.9539, 30.0603, -100.0072**.

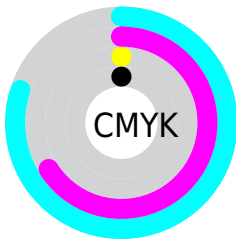
Distribution



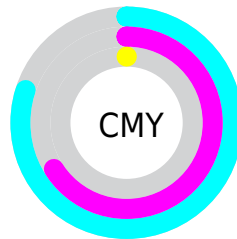
- Red (20%)
- Green (34%)
- Blue (100%)



- Red (20%)
- Yellow (32%)
- Blue (100%)



- Cyan (80%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1830, 39.5003, -122.6860 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 38.1830, 39.5003, -122.6860 by changing the saturation by 10% instead.

■ 38.1830, 39.5003,
-122.6860

■ 38.1830, 39.5003,
-122.6860

■ 148.5960, 51.0392,
-123.0775

■ 29.1974, 37.6985,
-126.8879

■ 58.4072, 42.7767,
-119.4659

■ 21.0538, 35.8168,
-134.8526

■ 69.5431, 44.2437,
-119.1629

■ 13.8506, 33.9719,
-150.8714

■ 81.3087, 45.6044,
-119.3224

■ 7.4793, 34.6062,
-195.3505

■ 93.6717, 46.8656,
-119.7854

0.0000, INF, -NF

0.0000, NaN, -NF

■ 106.6047, 48.0337,
-120.4503

0.0000, NaN, -NF

120.0835, 49.1150,

0.0000, NaN, -NF

-121.2492

0.0000, NaN, -NF

134.0869, 50.1152,
-122.1358

■ 38.1830, 39.5003,
-122.6860

■ 38.1830, 39.5003,
-122.6860

■ 33.4652, 49.9635,
-146.1201

■ 43.9539, 30.0603,
-100.0072

■ 30.0042, 60.1786,
-167.4086

■ 50.5473, 22.0163,
-79.4388

■ 30.0020, 60.1855,
-167.4230

■ 57.7817, 15.3067,
-61.2045

■ 65.5241, 9.7203,
-45.0607

■ 73.6786, 5.0341,
-30.6434

■ 82.1758, 1.0574,
-17.6049

■ 90.9646, -2.3610,
-5.6539

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



38.1833, -3.7998, -152.5462



38.1830, 39.5003, -122.6860



38.1833, 82.2345, -54.5704

Triad

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



38.1833, 39.5027, -122.6844



38.1833, 43.8418, 26.7283



38.1833, -51.0040, 3.7301

Complementary

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



38.1830, 39.5003, -122.6860



85.2621, -8.0273, 50.2181

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.



38.1833, -46.4674, 23.4300



38.1830, 39.5003, -122.6860



38.1833, -0.2466, 26.7283

Square

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



38.1833, 39.5027, -122.6844



38.1833, 85.3523, 22.6035



38.1833, -31.0471, 26.7283



38.1833, -47.2775, -48.2557

Rectangle

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



38.1830, 39.5003, -122.6860



38.1833, 98.9185, -14.3200



38.1833, -31.0471, 26.7283



38.1833, -50.4446, 13.3988

Sweetspot

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



38.1833, 39.5027, -122.6844



78.7331, 2.5764, -22.6844



87.9008, -52.8413, 8.6822



35.0286, 1.8548, -12.6584

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.1833, 39.5027, -122.6844



31.2376, 56.2694, -159.3352



36.4360, 65.5008, -130.3508



42.2860, -1.1639, -2.3568



22.0206, 42.2793, -118.7926



7.7789, 10.1873, -31.7145

Inverse Universe

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



49.2962, 73.4319, 21.0731



46.6165, 79.1468, 25.9514



90.9718, -45.9952, 53.2085



42.4710, 1.9008, 2.7368



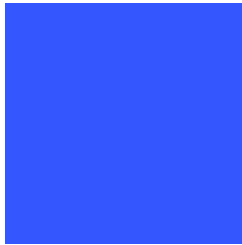
33.4925, 57.6814, 19.1270



10.5149, 18.2354, 5.0248

Previews

White Background



This preview shows how the HunterLab color 38.1830, 39.5003, -122.6860 looks on a white background.

Color Contrast Check

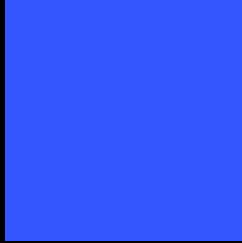
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.1830, 39.5003, -122.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

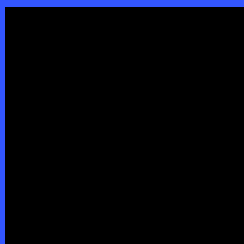
Any Text WCAG AA × Fail

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 38.1830, 39.5003, -122.6860 Background



This preview shows how black text looks on a background with the HunterLab color 38.1830, 39.5003, -122.6860.



This preview shows how white text looks on a background with the HunterLab color 38.1830, 39.5003, -122.6860.

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

38.1830, 39.5003, -122.6860

Protanopia

37.9592, 13.5928, -76.7887

Deuteranopia

37.6641, 0.5053, -48.1677



Tritanopia

37.6534, -18.4904, -7.1480

Trichromacy



Original Color

38.1830, 39.5003, -122.6860

Protanomaly

37.7059, 22.7032, -94.0852

Deuteranomaly

37.2907, 13.5240, -73.7281

Tritanomaly

36.6402, -1.4267, -40.6040

Monochromacy



Original Color

38.1830, 39.5003, -122.6860

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.0829, 7.3985, -31.2944

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1830, 39.5003, -122.6860 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(51, 86, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 86, 255)  
}
```

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(51, 86, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 86, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1830, 39.5003, -122.6860 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(51, 86, 255) }
```


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

```
.border{ border-color:rgb(51, 86, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 86, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 86, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 86, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 86,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1830, 39.5003, -122.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 86, 255) }
```

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

```
.background{ background-color: rgb(51, 86,  
255) }
```

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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