

Converting Colors

HunterLab(21.1935, 54.0428,
-123.8866)

Have a look what the booklet for
HunterLab(21.1935, 54.0428,
-123.8866) contains.

HunterLab(21.1935, 54.0428, -123.8866)	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>	31

Color

**HunterLab(21.1935, 54.0428,
-123.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	3400BF
RGB	52, 0, 191
RGB Percent	20%, 0%, 75%
CMY	0.7960, 1.0000, 0.2510
CMYK	0.73, 1.00, 0.00, 0.25
HSL	256°, 100%, 37%
HSV	256°, 100%, 75%
XYZ	10.8201, 4.4916, 49.5869
YIQ	37.3220, -30.3190, 70.4250

Conversions

Conversions Part 2

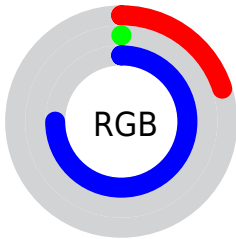
Format	Color
R _Y B	52, 0, 191
Decimal	3408063
CIE Lab	25.24, 64.59, -82.78
CIE LCh	25, 104.998, 307.965
Yxy	4.4919, 0.1667, 0.0692
Android (android.graphics.Color)	4281598143 (0xFF3400BF)
YUV	37.3220, 75.7633, 12.8726
Hunter-Lab	21.1935, 54.0428, -123.8866

Details

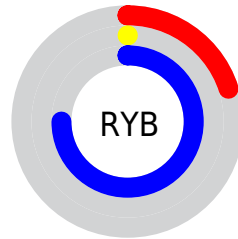
The HunterLab color **21.1935, 54.0428, -123.8866** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **65.3834, -34.4938, 39.6851**, and the grayscale version is **13.4778, -0.7191, 0.7323**.

A 20% lighter version of the original color is **38.4158, 58.2994, -113.6290**, and **13.3326, 36.1646, -94.7335** is the 20% darker color. If you saturate the color by 10%, you get **21.1941, 54.0434, -123.8826**, and if you desaturate by 10%, it is **23.2073, 50.7561, -110.7379**.

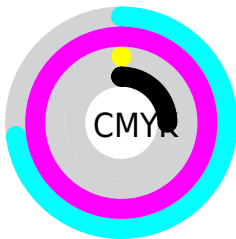
Distribution



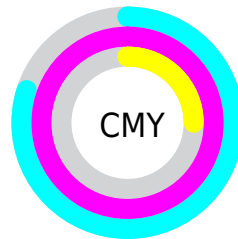
- Red (20%)
- Green (0%)
- Blue (75%)



- Red (20%)
- Yellow (0%)
- Blue (75%)



- Cyan (73%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (80%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1935, 54.0428, -123.8866 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 21.1935, 54.0428, -123.8866 by changing the saturation by 10% instead.

■ 21.1935, 54.0428,
-123.8866

■ 21.1935, 54.0428,
-123.8866

■ 120.3341, 71.7997,
-113.7069

■ 13.9727, 52.3604,
-137.5310

■ 38.3544, 58.3691,
-113.7509

■ 7.6130, 54.5226,
-175.0635

■ 48.1233, 60.5555,
-112.0460

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.6043, 62.6686,
-111.3473

0.0000, NaN, -NF

■ 69.7520, 64.6895,
-111.2654

0.0000, NaN, -NF

■ 81.5287, 66.6120,
-111.5754


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.9024, 68.4360,


-112.1395


 106.8455, 70.1640,
-112.8696


 21.1935, 54.0428,
-123.8866


 21.1935, 54.0428,
-123.8866


 21.1941, 54.0434,
-123.8826

 23.2073, 50.7561,
-110.7379

 26.1873, 45.4800,
-94.6642

 30.1361, 38.8814,
-77.7240

 34.8558, 31.9636,
-61.8058

 40.1720, 25.2207,
-47.5524

■ 45.9527, 18.8144,
-34.9511

■ 52.1029, 12.7535,
-23.7607

■ 58.5548, 6.9928,
-13.7057

■ 65.2592, 1.4755,
-4.5435

Harmonies

Analogous

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



21.1941, 8.4408, -189.5015



21.1935, 54.0428, -123.8866



21.1941, 96.1899, -36.5185

Triad

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



21.1941, 54.0434, -123.8826



21.1941, 28.4665, 14.8359



21.1941, -36.1054, -9.0826

Complementary

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



21.1935, 54.0428, -123.8866



65.3834, -34.4938, 39.6851

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.



21.1941, -34.7368, 14.0308



21.1935, 54.0428, -123.8866



21.1941, -9.2592, 14.8359

Square

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



21.1941, 54.0434, -123.8826



21.1941, 76.1399, 14.8359



21.1941, -27.8137, 14.8359



21.1941, -31.7455, -80.2812

Rectangle

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



21.1935, 54.0428, -123.8866



21.1941, 107.5506, -1.1139



21.1941, -27.8137, 14.8359



21.1941, -36.3001, 3.1954

Sweetspot

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



21.1941, 54.0434, -123.8826



69.3278, 17.4434, -32.4725



47.4735, -12.4213, -32.5236



30.8197, 9.7755, -18.1308



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



21.1941, 54.0434, -123.8826



28.1831, 72.1682, -167.0871



31.4840, 65.8646, -72.2693



30.5740, 0.5218, -1.8472



17.2822, 43.9000, -99.7123



3.8807, 9.1410, -16.8343

Inverse Universe

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



35.9725, 66.7851, -16.9181



48.0968, 89.2181, -22.0278



61.4897, -50.4365, 37.0067



31.0656, 2.0374, -0.0505



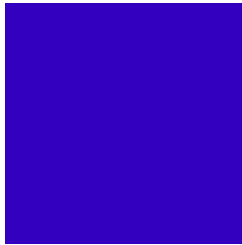
29.1859, 54.2267, -14.0462



5.8660, 11.0509, -4.0015

Previews

White Background



This preview shows how the HunterLab color 21.1935, 54.0428, -123.8866 looks on a white background.

Color Contrast Check

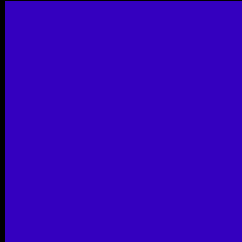
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1935, 54.0428, -123.8866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

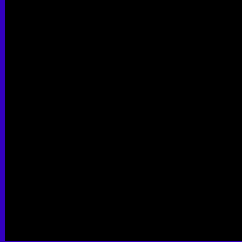
Any Text WCAG AA × Fail

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 21.1935, 54.0428, -123.8866 Background



This preview shows how black text looks on a background with the HunterLab color 21.1935, 54.0428, -123.8866.



This preview shows how white text looks on a background with the HunterLab color 21.1935, 54.0428,

-123.8866.

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

21.1935, 54.0428, -123.8866

Protanopia

21.7671, 6.0403, -40.2463

Deuteranopia

21.7447, -1.2180, -24.5497



Tritanopia

21.7653, -10.7736, -3.9476

Trichromacy



Original Color

21.1935, 54.0428, -123.8866

Protanomaly

19.3046, 26.0112, -76.2686

Deuteranomaly

18.8661, 20.4313, -63.5819

Tritanomaly

17.8907, 11.8093, -43.5266

Monochromacy



Original Color

21.1935, 54.0428, -123.8866

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.9134, 17.4402, -35.2517

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1935, 54.0428, -123.8866 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(52, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(52, 0, 191)  
}
```

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(52, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 0, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1935, 54.0428, -123.8866 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(52, 0, 191) }
```


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

```
.border{ border-color:rgb(52, 0, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 0, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(52, 0, 191)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1935, 54.0428, -123.8866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 0, 191) }
```

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

```
.background{ background-color: rgb(52, 0,  
191) }
```

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