

Converting Colors

HunterLab(21.8376, 50.9446,
-134.3976)

Have a look what the booklet for
HunterLab(21.8376, 50.9446,
-134.3976) contains.

HunterLab(21.7854, 50.9550, -134.3990)	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(21.7854, 50.9550,
-134.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	1013C8
RGB	16, 19, 200
RGB Percent	6%, 7%, 78%
CMY	0.9371, 0.9255, 0.2157
CMYK	0.92, 0.91, 0.00, 0.22
HSL	239°, 85%, 42%
HSV	239°, 92%, 78%
XYZ	10.8719, 4.7460, 54.9867
YIQ	38.7370, -59.8890, 55.6550

Conversions

Conversions Part 2

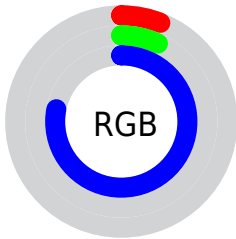
Format	Color
R _Y B	16, 19, 200
Decimal	1053640
CIE Lab	26.00, 61.69, -86.86
CIE LCh	26, 106.534, 305.383
Yxy	4.7460, 0.1540, 0.0672
Android (android.graphics.Color)	4279243720 (0xFF1013C8)
YUV	38.7370, 79.5027, -19.9403
Hunter-Lab	21.7854, 50.9550, -134.3990

Details

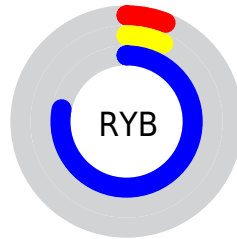
The HunterLab color **21.7854, 50.9550, -134.3990** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **72.2967, -18.1579, 43.8279**, and the grayscale version is **13.9267, -0.7431, 0.7567**.

A 20% lighter version of the original color is **38.7851, 54.3243, -119.7745**, and **14.1902, 38.4909, -100.8273** is the 20% darker color. If you saturate the color by 10%, you get **20.5912, 54.6429, -143.6955**, and if you desaturate by 10%, it is **24.4443, 43.8921, -116.7087**.

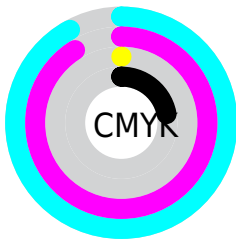
Distribution



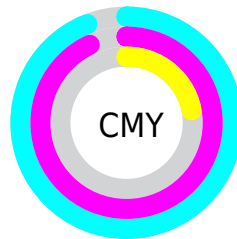
- Red (6%)
- Green (7%)
- Blue (78%)



- Red (6%)
- Yellow (7%)
- Blue (78%)



- Cyan (92%)
- Magenta (91%)
- Yellow (0%)
- Black (22%)



- Cyan (94%)
- Magenta (93%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7854, 50.9550, -134.3990 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 21.7854, 50.9550, -134.3990 by changing the saturation by 10% instead.

■ 21.7854, 50.9550,
-134.3990

■ 21.7854, 50.9550,
-134.3990

121.3856, 68.0270,
-121.7113

■ 14.4880, 49.1567,
-149.4295

■ 39.0738, 55.2332,
-122.8581

■ 8.1491, 49.5907,
-186.7083

■ 48.8989, 57.3451,
-120.7785

0.0000, INF, -NF

0.0000, NaN, -NF

■ 59.4323, 59.3719,
-119.8218

0.0000, NaN, -NF

■ 70.6293, 61.3004,
-119.5607

0.0000, NaN, -NF

■ 82.4526, 63.1277,
-119.7470

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.8707, 64.8553,

-120.2278

107.8563, 66.4870,
-120.9045

21.7854, 50.9550,
-134.3990

21.7854, 50.9550,
-134.3990

20.5912, 54.6429,
-143.6955

24.4443, 43.8921,
-116.7087

28.4133, 35.6448,
-95.8932

33.4073, 27.7471,
-75.9086

39.1648, 20.7584,
-58.2263

45.4943, 14.7000,
-42.9232

■ 52.2645, 9.4198,
-29.6190

■ 59.3862, 4.7467,
-17.8787

■ 66.7973, 0.5362,
-7.3328

■ 74.4537, -3.3234,
2.3051

Harmonies

Analogous

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



21.7854, 5.3022, -195.3321



21.7854, 50.9550, -134.3990



21.7854, 95.5572, -43.7543

Triad

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



21.7854, 50.9586, -134.3995



21.7854, 33.2254, 15.2498



21.7854, -36.9245, -5.4782

Complementary

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



21.7854, 50.9550, -134.3990



72.2967, -18.1579, 43.8279

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.



21.7854, -35.0818, 15.1644



21.7854, 50.9550, -134.3990



21.7854, -6.9535, 15.2498

Square

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



21.7854, 50.9586, -134.3995



21.7854, 81.6457, 15.2498



21.7854, -27.5350, 15.2498



21.7854, -33.0828, -74.0724

Rectangle

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



21.7854, 50.9550, -134.3990



21.7854, 109.4903, -4.4259



21.7854, -27.5350, 15.2498



21.7854, -36.9494, 5.6141

Sweetspot

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



21.7854, 50.9586, -134.3995



72.0790, 10.1108, -33.2297



67.4147, -36.0553, -5.5130



31.4803, 5.9749, -18.6361

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



21.7854, 50.9586, -134.3995



27.0352, 72.1573, -189.5586



27.4625, 58.7379, -100.0221



32.1159, -0.2332, -2.2156



16.4575, 43.4049, -114.2692



3.7150, 8.8791, -23.8110

Inverse Universe

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



35.6341, 58.4768, 21.9569



46.1183, 78.9985, 29.6495



66.8813, -44.1436, 40.0034



32.6185, 1.1472, 2.6729



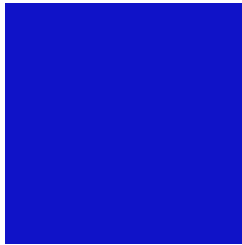
27.9525, 47.8901, 17.9027



6.0906, 10.4510, 3.7754

Previews

White Background



This preview shows how the HunterLab color 21.7854, 50.9550, -134.3990 looks on a white background.

Color Contrast Check

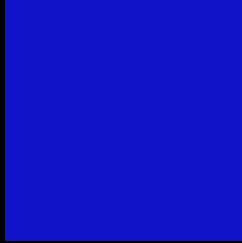
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7854, 50.9550, -134.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

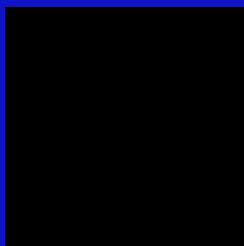
Any Text WCAG AA × Fail

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 21.7854, 50.9550, -134.3990 Background



This preview shows how black text looks on a background with the HunterLab color 21.7854, 50.9550, -134.3990.



This preview shows how white text looks on a background with the HunterLab color 21.7854, 50.9550, -134.3990.

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

21.7854, 50.9550, -134.3990

Protanopia

21.7671, 6.0403, -40.2463

Deuteranopia

21.7447, -1.2180, -24.5497



Tritanopia

21.7350, -10.9528, -3.5229

Trichromacy



Original Color

21.7854, 50.9550, -134.3990

Protanomaly

20.5314, 22.8697, -73.9769

Deuteranomaly

20.1884, 17.1881, -61.2653

Tritanomaly

19.3346, 8.5279, -41.4560

Monochromacy



Original Color

21.7854, 50.9550, -134.3990

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.8532, 13.4991, -36.7368

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7854, 50.9550, -134.3990 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(16, 19, 200)` looks like.

```
.text, #text, p{  
    color:rgb(16, 19, 200)  
}
```

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(16, 19, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 19, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7854, 50.9550, -134.3990 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(16, 19, 200) }
```


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

```
.border{ border-color:rgb(16, 19, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 19, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 19, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 19, 200);  
box-shadow:4px 4px 4px 4px rgb(16, 19,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.7854, 50.9550, -134.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 19, 200) }
```

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

```
.background{ background-color: rgb(16, 19,  
200) }
```

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