

Converting Colors

HunterLab(21.4713, 31.3274,
-90.6201)

Have a look what the booklet for
HunterLab(21.4713, 31.3274,
-90.6201) contains.

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Color

**HunterLab(21.5334, 31.4267,
-90.8932)**

Conversions

Conversions Part 1

Format	Color
Hex	1429AA
RGB	20, 41, 170
RGB Percent	8%, 16%, 67%
CMY	0.9215, 0.8392, 0.3333
CMYK	0.88, 0.76, 0.00, 0.33
HSL	232°, 79%, 37%
HSV	232°, 88%, 67%
XYZ	8.3371, 4.6369, 38.4858
YIQ	49.4270, -53.9250, 35.6670

Conversions

Conversions Part 2

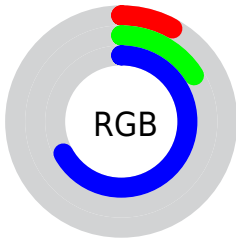
Format	Color
R_{YB}	20, 38, 170
Decimal	1321386
CIE _{Lab}	25.67, 42.53, -69.56
CIE _{LCh}	26, 81.529, 301.444
Yxy	4.6369, 0.1620, 0.0901
Android (android.graphics.Color)	4279511466 (0xFF1429AA)
YUV	49.4270, 59.4425, -25.8075
Hunter-Lab	21.5334, 31.4267, -90.8932

Details

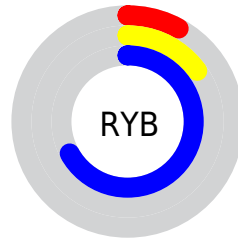
The HunterLab color **21.5334, 31.4267, -90.8932** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **54.8620, -6.6806, 32.9725**, and the grayscale version is **17.4900, -0.9332, 0.9503**.

A 20% lighter version of the original color is **38.8872, 34.7303, -86.2319**, and **11.3255, 30.0361, -78.9951** is the 20% darker color. If you saturate the color by 10%, you get **19.1763, 37.8485, -105.1046**, and if you desaturate by 10%, it is **24.6730, 24.9373, -75.7479**.

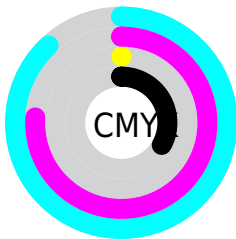
Distribution



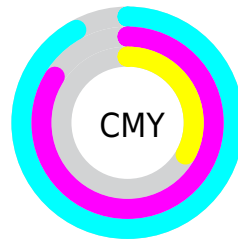
- Red (8%)
- Green (16%)
- Blue (67%)



- Red (8%)
- Yellow (15%)
- Blue (67%)



- Cyan (88%)
- Magenta (76%)
- Yellow (0%)
- Black (33%)



- Cyan (92%)
- Magenta (84%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5334, 31.4267, -90.8932 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 21.5334, 31.4267, -90.8932 by changing the saturation by 10% instead.

■ 21.5334, 31.4267,
-90.8932

■ 21.5334, 31.4267,
-90.8932

■ 120.9385, 43.2102,
-89.4112

■ 14.2683, 29.6406,
-98.2812

■ 38.7676, 34.8178,
-86.1338

■ 7.9258, 29.1633,
-118.9217

■ 48.5689, 36.3376,
-85.6936

0.0000, INF, -NF

■ 59.0801, 37.7384,
-85.8156

0.0000, NaN, -NF

■ 70.2561, 39.0268,
-86.2696

0.0000, NaN, -NF

■ 82.0597, 40.2109,
-86.9230

0.0000, NaN, NaN

■ 94.4589, 41.2982,

0.0000, NaN, NaN

-87.6955

0.0000, NaN, NaN

107.4264, 42.2958,
-88.5360

21.5334, 31.4267,
-90.8932

21.5334, 31.4267,
-90.8932

19.1763, 37.8485,
-105.1046

24.6730, 24.9373,
-75.7479

18.8321, 38.8702,
-107.4480

28.4565, 19.0969,
-61.3682

32.7387, 14.0963,
-48.4529

37.4086, 9.8794,
-37.0515

42.3861, 6.3156,
-26.9685

■ 47.6139, 3.2725,
-17.9595

■ 53.0508, 0.6387,
-9.8021

■ 58.6662, -1.6738,
-2.3141

■ 64.4372, -3.7325,
4.6481

Harmonies

Analogous

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



21.5335, 0.1177, -120.0825



21.5334, 31.4267, -90.8932



21.5335, 62.2764, -35.9356

Triad

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



21.5335, 31.4288, -90.8929



21.5335, 28.1610, 15.0735



21.5335, -31.7826, -0.0546

Complementary

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



21.5334, 31.4267, -90.8932



54.8620, -6.6806, 32.9725

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.



21.5335, -29.7394, 14.0545



21.5334, 31.4267, -90.8932



21.5335, -2.3893, 15.0735

Square

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



21.5335, 31.4288, -90.8929



21.5335, 59.8444, 14.7394



21.5335, -21.4409, 15.0735



21.5335, -29.2774, -41.0082

Rectangle

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



21.5334, 31.4267, -90.8932



21.5335, 73.4219, -7.1236



21.5335, -21.4409, 15.0735



21.5335, -31.6042, 7.0908

Sweetspot

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



21.5335, 31.4288, -90.8929



65.4002, 3.7502, -22.1903



55.6964, -33.4683, 4.1283



29.7438, 2.3731, -12.3037



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



21.5335, 31.4288, -90.8929



24.9950, 53.7787, -147.3343



21.9107, 44.8919, -88.6225



27.3195, -0.6789, -1.4476



16.3091, 32.7482, -91.0789



3.3747, 2.6011, -9.8332

Inverse Universe

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



30.3433, 48.2481, 15.4434



39.5032, 67.9013, 23.5815



57.1115, -31.4799, 33.9527



27.4932, 1.0499, 1.8533



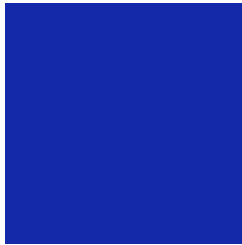
25.1785, 43.3294, 14.6383



3.9901, 6.9898, 1.3635

Previews

White Background



This preview shows how the HunterLab color 21.5334, 31.4267, -90.8932 looks on a white background.

Color Contrast Check

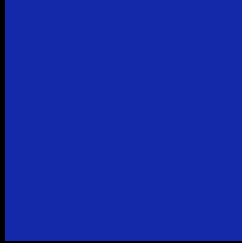
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5334, 31.4267, -90.8932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

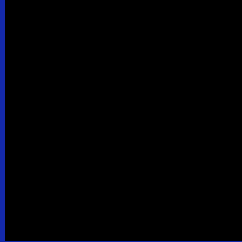
Any Text WCAG AA × Fail

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 21.5334, 31.4267, -90.8932 Background



This preview shows how black text looks on a background with the HunterLab color 21.5334, 31.4267, -90.8932.



This preview shows how white text looks on a background with the HunterLab color 21.5334, 31.4267, -90.8932.

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

21.5334, 31.4267, -90.8932

Protanopia

21.4083, 5.9095, -39.5155

Deuteranopia

21.3891, -1.3179, -23.8895



Tritanopia

21.4224, -10.7883, -3.4872

Trichromacy



Original Color

21.5334, 31.4267, -90.8932

Protanomaly

21.0339, 15.1552, -57.8051

Deuteranomaly

20.8867, 9.7364, -45.9149

Tritanomaly

20.3293, 1.7801, -28.0099

Monochromacy



Original Color

21.5334, 31.4267, -90.8932

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.7662, 6.6073, -23.4971

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5334, 31.4267, -90.8932 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(20, 41, 170)` looks like.

```
.text, #text, p{  
    color:rgb(20, 41, 170)  
}
```

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(20, 41, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 41, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5334, 31.4267, -90.8932 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(20, 41, 170) }
```


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

```
.border{ border-color:rgb(20, 41, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 41, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 41, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 41, 170);  
box-shadow:4px 4px 4px 4px rgb(20, 41,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.5334, 31.4267, -90.8932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 41, 170) }
```

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

```
.background{ background-color: rgb(20, 41,  
170) }
```

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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