

Converting Colors

HunterLab(14.4441, -0.8299,
-3.9703)

Have a look what the booklet for
HunterLab(14.4441, -0.8299,
-3.9703) contains.

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Color

**HunterLab(14.4220, -0.6884,
-4.0011)**

Conversions

Conversions Part 1

Format	Color
Hex	212833
RGB	33, 40, 51
RGB Percent	13%, 16%, 20%
CMY	0.8706, 0.8431, 0.8000
CMYK	0.35, 0.22, 0.00, 0.80
HSL	217°, 21%, 16%
HSV	217°, 35%, 20%
XYZ	1.9835, 2.0799, 3.4289
YIQ	39.1610, -7.7030, 1.9370

Conversions

Conversions Part 2

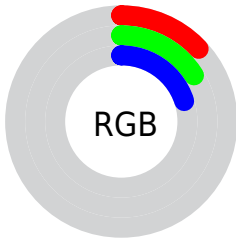
Format	Color
R_{YB}	33, 38, 51
Decimal	2172979
CIE Lab	15.90, 0.15, -8.16
CIE LCh	16, 8.157, 271.074
Yxy	2.0800, 0.2647, 0.2776
Android (android.graphics.Color)	4280363059 (0xFF212833)
YUV	39.1610, 5.8366, -5.4032
Hunter-Lab	14.4220, -0.6884, -4.0011

Details

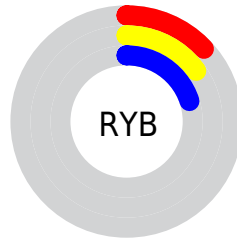
The HunterLab color **14.4220, -0.6884, -4.0011** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.1710, -0.2567, 4.6843**, and the grayscale version is **14.2796, -0.7619, 0.7758**.

A 20% lighter version of the original color is **29.9663, -1.5228, -3.9376**, and **0.8108, 2.1994, -5.7613** is the 20% darker color. If you saturate the color by 10%, you get **13.4181, -0.4449, -5.5789**, and if you desaturate by 10%, it is **15.4575, -0.8513, -2.5035**.

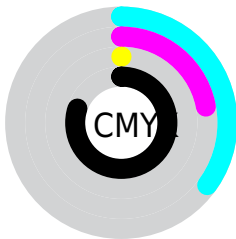
Distribution



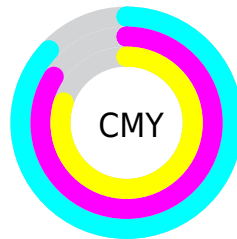
- Red (13%)
- Green (16%)
- Blue (20%)



- Red (13%)
- Yellow (15%)
- Blue (20%)



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.4220, -0.6884, -4.0011 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 14.4220, -0.6884, -4.0011 by changing the saturation by 10% instead.

■ 14.4220, -0.6884,
-4.0011

■ 14.4220, -0.6884,
-4.0011

■ 107.7278, -5.5942,
-2.5499

■ 8.0830, -0.3493,
-4.0067

■ 29.9285, -1.4943,
-4.1494

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 38.9823, -1.9683,
-4.0991

0.0000, NaN, NaN

■ 48.8002, -2.4838,
-3.9792

0.0000, NaN, NaN

■ 59.3270, -3.0378,
-3.7971

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.5178, -3.6278,
-3.5588

0.0000, NaN, NaN

■ 82.3351, -4.2516,

0.0000, NaN, NaN

-3.2690

94.7476, -4.9076,
-2.9316

14.4220, -0.6884,
-4.0011

14.4220, -0.6884,
-4.0011

13.4181, -0.4449,
-5.5789

15.4575, -0.8513,
-2.5035

12.4486, -0.1077,
-7.2483

16.5206, -0.9439,
-1.0769

11.5179, 0.3375,
-9.0194

17.6092, -0.9758,
0.2881

10.6311, 0.9063,
-10.9007

18.7209, -0.9548,
1.5998

9.7881, 1.5953,
-12.9125

19.8541, -0.8874,
2.8653

■ 8.9554, 2.2936,
-15.1773

■ 21.0069, -0.7794,
4.0909

■ 8.5646, 2.6191,
-16.3588

■ 22.1782, -0.6353,
5.2820

■ 23.3666, -0.4592,
6.4432

■ 24.5711, -0.2546,
7.5786

Harmonies

Analogous

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



14.4223, -2.8165, -3.3313



14.4220, -0.6884, -4.0011



14.4223, 1.5467, -3.2324

Triad

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



14.4223, -0.6886, -4.0008



14.4223, 3.1519, 2.7636



14.4223, -4.3870, 2.6482

Complementary

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



14.4220, -0.6884, -4.0011



16.1710, -0.2567, 4.6843

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.



14.4223, -2.9497, 3.9013



14.4220, -0.6884, -4.0011



14.4223, 1.3968, 3.9603

Square

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



14.4223, -0.6886, -4.0008



14.4223, 3.8466, 0.8625



14.4223, -0.8519, 4.3428



14.4223, -4.8708, 0.7072

Rectangle

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



14.4220, -0.6884, -4.0011



14.4223, 2.7760, -2.0676



14.4223, -0.8519, 4.3428



14.4223, -4.0039, 3.1527

Sweetspot

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



14.4223, -0.6886, -4.0008



21.8063, -1.2402, -0.7253



16.9452, -5.8267, 2.0706



11.5085, -0.6546, -0.3896



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



14.4223, -0.6886, -4.0008



17.4301, -0.6132, -6.9612



12.9639, 2.4805, -6.2924



9.5121, -0.5350, -0.0585



13.8223, 6.8848, -32.1391



33.7395, 23.9394, -93.8497

Inverse Universe

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



13.9456, 4.9344, 0.1443



16.7580, 8.3287, 0.0801



17.7072, -3.4204, 6.0333



9.4319, 0.2054, 0.4032



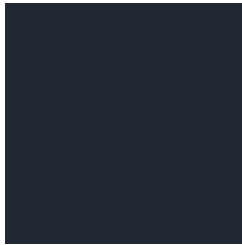
15.0196, 26.5180, 3.5309



39.1895, 68.7584, 12.5703

Previews

White Background



This preview shows how the HunterLab color 14.4220, -0.6884, -4.0011 looks on a white background.

Color Contrast Check

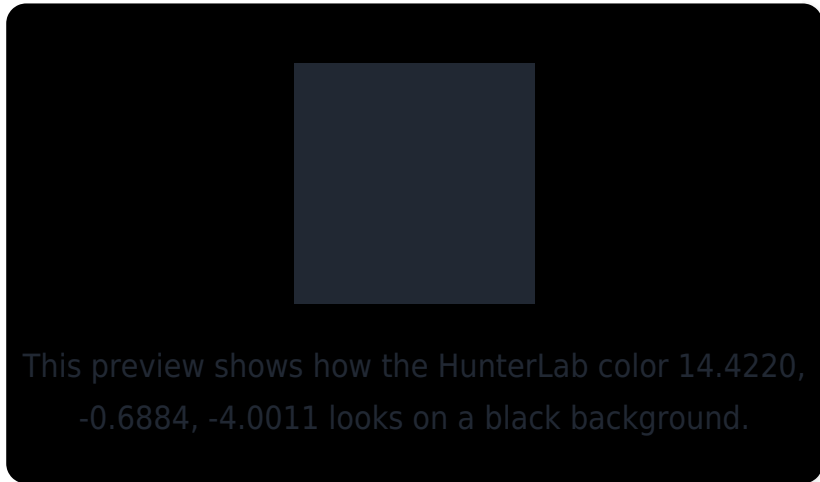
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

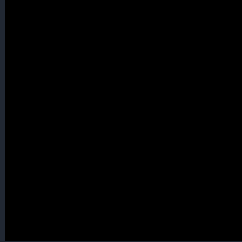
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

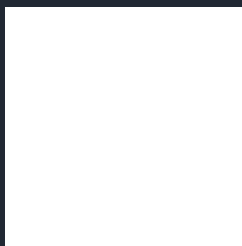
Any Text WCAG AAA × Fail

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

HunterLab 14.4220, -0.6884, -4.0011 Background



This preview shows how black text looks on a background with the HunterLab color 14.4220, -0.6884, -4.0011.



This preview shows how white text looks on a background with the HunterLab color 14.4220, -0.6884, -4.0011.

-4.0011.

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

14.4220, -0.6884, -4.0011

Protanopia

14.4036, 0.3746, -3.5395

Deuteranopia

14.4339, 0.5378, -3.9617



Tritanopia

14.3493, -2.5629, -1.0487

Trichromacy



Original Color

14.4220, -0.6884, -4.0011

Protanomaly

14.3401, 0.1584, -3.6374

Deuteranomaly

14.3705, 0.3228, -4.0612

Tritanomaly

14.4851, -1.9144, -2.1157

Monochromacy



Original Color

14.4220, -0.6884, -4.0011

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.2083, -0.6869, -0.7941

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.4220, -0.6884, -4.0011 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(33, 40, 51)` looks like.

```
.text, #text, p{  
    color:rgb(33, 40, 51)  
}
```

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(33, 40, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 40, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 14.4220, -0.6884, -4.0011 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(33, 40, 51) }
```


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

```
.border{ border-color:rgb(33, 40, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 40, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 40, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 40, 51);  
box-shadow:4px 4px 4px 4px rgb(33, 40, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.4220, -0.6884, -4.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 40, 51) }
```

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

```
.background{ background-color: rgb(33, 40,  
51) }
```

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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