

Converting Colors

HunterLab(19.3912, -4.5269,
1.4827)

Have a look what the booklet for
HunterLab(19.3912, -4.5269, 1.4827)
contains.

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Color

**HunterLab(19.3421, -4.4289,
1.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3935
RGB	45, 57, 53
RGB Percent	18%, 22%, 21%
CMY	0.8235, 0.7765, 0.7922
CMYK	0.21, 0.00, 0.07, 0.78
HSL	160°, 12%, 20%
HSV	160°, 21%, 22%
XYZ	3.1879, 3.7412, 3.9222
YIQ	52.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

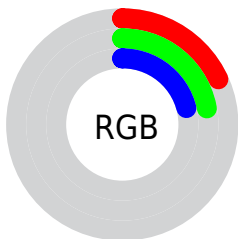
Format	Color
R_{YB}	45, 52, 57
Decimal	2963765
CIE Lab	22.80, -5.98, 0.84
CIE LCh	23, 6.039, 172.015
Yxy	3.7413, 0.2938, 0.3448
Android (android.graphics.Color)	4281153845 (0xFF2D3935)
YUV	52.9560, 0.0217, -6.9774
Hunter-Lab	19.3421, -4.4289, 1.5165

Details

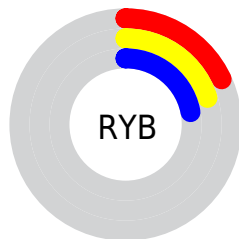
The HunterLab color **19.3421, -4.4289, 1.5165** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.2292, 2.7970, 0.6657**, and the grayscale version is **18.8551, -1.0061, 1.0244**.

A 20% lighter version of the original color is **36.0910, -6.1991, 2.7385**, and **5.7585, -3.8511, 1.1157** is the 20% darker color. If you saturate the color by 10%, you get **18.9829, -5.8468, 1.7765**, and if you desaturate by 10%, it is **19.7416, -2.8961, 1.2962**.

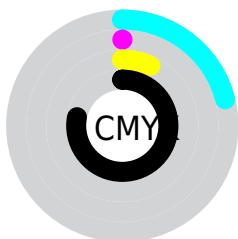
Distribution



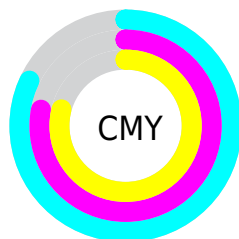
- Red (18%)
- Green (22%)
- Blue (21%)



- Red (18%)
- Yellow (20%)
- Blue (22%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (78%)



- Cyan (82%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3421, -4.4289, 1.5165 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 19.3421, -4.4289, 1.5165 by changing the saturation by 10% instead.

■ 19.3421, -4.4289,
1.5165

■ 19.3421, -4.4289,
1.5165

■ 116.9964,
-12.5945, 7.2211

■ 12.3691, -3.5499,
1.0712

■ 36.0867, -6.1599,
2.5378

■ 5.5647, -4.9800,
0.9278

■ 45.6740, -7.0337,
3.1073

0.0000, NaN, NaN

■ 55.9859, -7.9197,
3.7128

0.0000, NaN, NaN

■ 66.9748, -8.8205,
4.3524

0.0000, NaN, NaN

■ 78.6013, -9.7376,
5.0245

0.0000, NaN, NaN

■ 90.8321, -10.6720,

0.0000, NaN, NaN

103.6387,
-11.6242, 6.4600

■ 19.3421, -4.4289,
1.5165

■ 19.3421, -4.4289,
1.5165

■ 18.9829, -5.8468,
1.7765

■ 19.7416, -2.8961,
1.2962

■ 18.6632, -7.1395,
2.0738

■ 20.1796, -1.2577,
1.1157

■ 18.3834, -8.2994,
2.4065

■ 20.6554, 0.4754,
0.9754

■ 18.1433, -9.3206,
2.7715

■ 21.1680, 2.2926,
0.8749

■ 17.9418, -10.1996,
3.1651

■ 21.7160, 4.1833,
0.8135

■ 17.7777, -10.9361,
3.5828

■ 22.2981, 6.1380,
0.7899

■ 17.6364, -11.5841,
4.0062

■ 22.9129, 8.1473,
0.8027

■ 17.5109, -12.1629,
4.3690

■ 23.5588, 10.2032,
0.8501

■ 24.2344, 12.2983,
0.9305

Harmonies

Analogous

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



19.3425, -3.7561, 3.0207



19.3421, -4.4289, 1.5165



19.3425, -4.2198, -0.2582

Triad

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



19.3425, -4.4292, 1.5168



19.3425, 0.3176, -2.3520



19.3425, 1.2038, 3.5331

Complementary

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



19.3421, -4.4289, 1.5165



17.2292, 2.7970, 0.6657

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.



19.3425, 2.3743, 2.2781



19.3421, -4.4289, 1.5165



19.3425, 1.8494, -1.1463

Square

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



19.3425, -4.4292, 1.5168



19.3425, -1.5245, -2.6044



19.3425, 2.6148, 0.5772



19.3425, -0.5368, 4.1114

Rectangle

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



19.3421, -4.4289, 1.5165



19.3425, -3.6041, -1.3502



19.3425, 2.6148, 0.5772



19.3425, 1.6797, 3.1824

Sweetspot

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



19.3425, -4.4292, 1.5168



25.7856, -2.7500, 1.5580



19.4263, -4.4716, 4.3149



13.8040, -1.4836, 0.8354



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



19.3425, -4.4292, 1.5168



24.7608, -6.6859, 2.1269



18.9864, -3.1743, -0.4446



10.5941, -1.3103, 0.6629



28.2112, -19.9009, 7.6987



72.7330, -52.1534, 21.6742

Inverse Universe

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



17.2292, 2.7970, 0.6657



21.3871, 4.8685, 0.7783



17.5399, 1.5620, 2.4432



10.1428, 0.2295, 0.4793



15.3684, 26.9491, 5.0453



39.4831, 68.8381, 16.0398

Previews

White Background



This preview shows how the HunterLab color 19.3421, -4.4289, 1.5165 looks on a white background.

Color Contrast Check

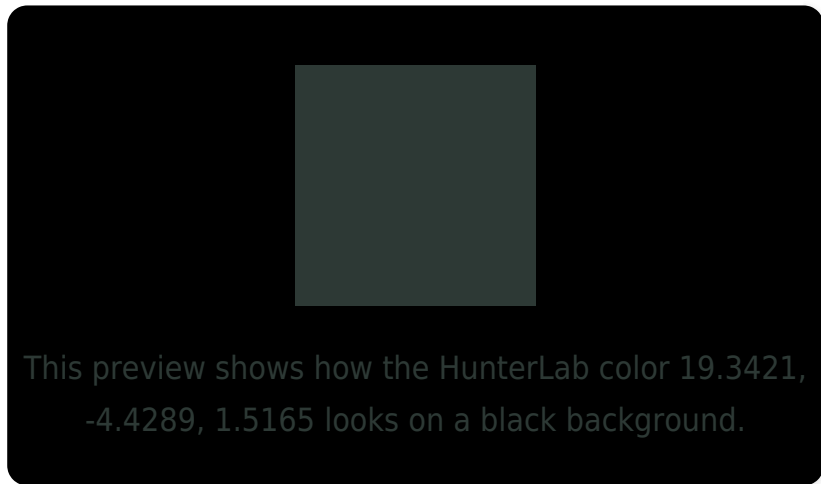
Large Text (above 18pt) WCAG AA ✓ Pass

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

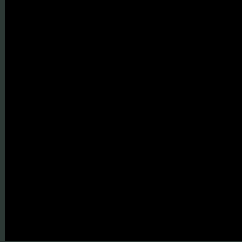
Any Text WCAG AA × Fail

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 19.3421, -4.4289, 1.5165 Background



This preview shows how black text looks on a background with the HunterLab color 19.3421, -4.4289, 1.5165.



This preview shows how white text looks on a background with the HunterLab color 19.3421, -4.4289,

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

19.3421, -4.4289, 1.5165

Protanopia

19.2824, -0.9035, 2.2356

Deuteranopia

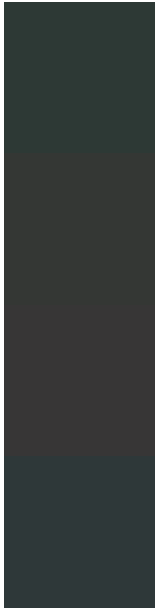
19.4247, 0.9485, 1.3335



Tritanopia

19.3273, -2.8233, -1.2543

Trichromacy



Original Color

19.3421, -4.4289, 1.5165

Protanomaly

19.2623, -2.1816, 1.8312

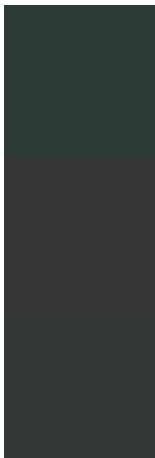
Deuteranomaly

19.2793, -0.7726, 1.1333

Tritanomaly

19.2473, -3.2696, -0.1211

Monochromacy



Original Color

19.3421, -4.4289, 1.5165

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.9037, -2.1364, 1.0470

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3421, -4.4289, 1.5165 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(45, 57, 53)` looks like.

```
.text, #text, p{  
    color:rgb(45, 57, 53)  
}
```

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(45, 57, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 57, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3421, -4.4289, 1.5165 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(45, 57, 53) }
```


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

```
.border{ border-color:rgb(45, 57, 53) }
```

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

Here you see how a box with a 4 pixel rgb(45, 57, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 57, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 57, 53);  
box-shadow:4px 4px 4px 4px rgb(45, 57, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.3421, -4.4289, 1.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 57, 53) }
```

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

```
.background{ background-color: rgb(45, 57,  
53) }
```

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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